

UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Analytical results and sample locality maps  
of mineralized and unmineralized rock samples  
from the Baird Mountains quadrangle, Alaska

By

M. R. Zayatz, W. B. Thompson, E. A. Bailey,  
S. J. Sutley, P. F. Folger, S. M. Karl, and J. M. Schmidt

Open-File Report - 88-256-B

This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature. Any use of trade names is for descriptive purposes only and does not imply endorsement by the USGS.

1988

Contents	Page
Studies related to AMRAP .....	1
Introduction .....	2
Methods of study	
Sample collection .....	2
Analytical methods .....	4
Rock Analysis Storage System .....	4
Description of rock sample location maps and file BMCHEM.DAT .....	4
References cited .....	7

## ILLUSTRATIONS

Figure 1. Location map of the Baird Mountains quadrangle, Alaska.....	3
Plate 1. Sample location map, mineralized or altered rock samples, Baird Mountains quadrangle, Alaska ..... in pocket	
Plate 2. Sample location map, unmineralized rock samples, Baird Mountains quadrangle, Alaska ..... in pocket	

## TABLES

Table 1. Sample coding used for rock samples from the Baird Mountains quadrangle, Alaska .....	6
Table 2. Lower limit of determination for respective elements .....	6

## APPENDIX

Appendix 1. Sample order (ID), FIELD NUM, LAT, LONG, QUADNUM, ROCK TYPE, and GX GROUP for rock samples on plates 1 and 2, Baird Mountains quadrangle, Alaska .....	8
--	---

## DISKETTE FILE

BMCHEM.DAT	Analyses of rock samples from the Baird Mountains quadrangle, Alaska (Written in standard ASCII format, and stored on (3) 5 1/4-inch, IBM compatible diskettes.
Disk 1	Analytical data for sample numbers 1-630
Disk 2	Analytical data for sample numbers 631-1260
Disk 3	Analytical data for sample numbers 1261-1892

## STUDIES RELATED TO AMRAP

The U.S. Geological Survey is required by the Alaskan National Interests Lands Conservation Act (Public Law 96-487, 1980) to survey certain Federal lands to determine their mineral values, if any. Results from the Alaskan Mineral Resource Assessment Program (AMRAP) are made available to the public and submitted to the President and the Congress. This report presents analytical results of a geochemical survey of the Baird Mountains quadrangle, Alaska.

## INTRODUCTION

In the summers of 1983-1985, the U.S. Geological Survey conducted a reconnaissance geochemical survey of the Baird Mountains quadrangle, Alaska. The Baird Mountains quadrangle comprises about 5,600 sq. mi (14,500 sq. km) in the Western Brooks Range in northwestern Alaska (fig. 1). The quadrangle, which is located between 67 - 68 degrees north latitude and 159 - 162 degrees west longitude, lies about 60 mi (100 km) northeast of the town of Kotzebue. Major access to the study area is limited to air travel.

Topographic relief is approximately 3,000 ft (900 m) with a maximum elevation of 4,760 ft (1,450 m) at Mt. Angayukaqsarak located in the C-1 15-minute quadrangle in the northeastern part of the 1:250,000 quadrangle. The Baird Mountains are rugged and either barren or sparsely vegetated. Talus cover is extensive on steeper and poorly vegetated slopes. Lowlands are tundra-covered and at elevations below 1,000 ft (300 m) are sparsely forested.

The rocks in the Baird Mountains quadrangle have undergone blueschist- and/or greenschist-facies metamorphism and consist mainly of Paleozoic marine carbonate, pelitic, and clastic rocks with minor amounts of non-marine clastic rocks (S.M. Karl, U.S. Geological Survey, unpublished mapping). Minor mafic and felsic volcanic and volcanoclastic rocks are locally intercalated within the Paleozoic sequences. Mafic volcanic and Mesozoic marine sedimentary rocks overlie Paleozoic rocks in the northwestern part of the quadrangle. Schists and intermediate composition intrusive rocks of Proterozoic and Paleozoic age are tectonically interleaved with Paleozoic metasedimentary and metavolcanic rocks in the northeastern part of the quadrangle. Poly-deformed, mainly pelitic schists dominate the southern part of the quadrangle (I.L. Tailleux, U.S. Geological Survey, unpublished data). Regional folding and thrusting during the Jurassic to mid-Cretaceous Brooks Range orogeny has structurally complicated the rocks in the Baird Mountains, producing locally intense deformation (Wilson and Turner, 1975).

## METHODS OF STUDY

### Sample Collection

A total of 1,892 rock samples were collected and coded for location, rock type, and geochemical groups (table 1); 337 of which were categorized as visibly mineralized or altered by the geologist who collected the sample (plate 1). The remaining 1,555 samples were collected for background information or for their geologic interest (plate 2). Whether a sample is considered mineralized or not is based solely on field interpretation.

Rock sample coverage is sparse within the A1-2 and D3-4 15-minute quadrangles as a result of lack of exposure of rock in these low-lying, tundra covered areas.

Special thanks are due to pilots Dave Blair, Charlie Jones, Mike Philips, Paul Walters, Russ Whipple, and Ralph Yetka, for their flying in support of the sampling programs.

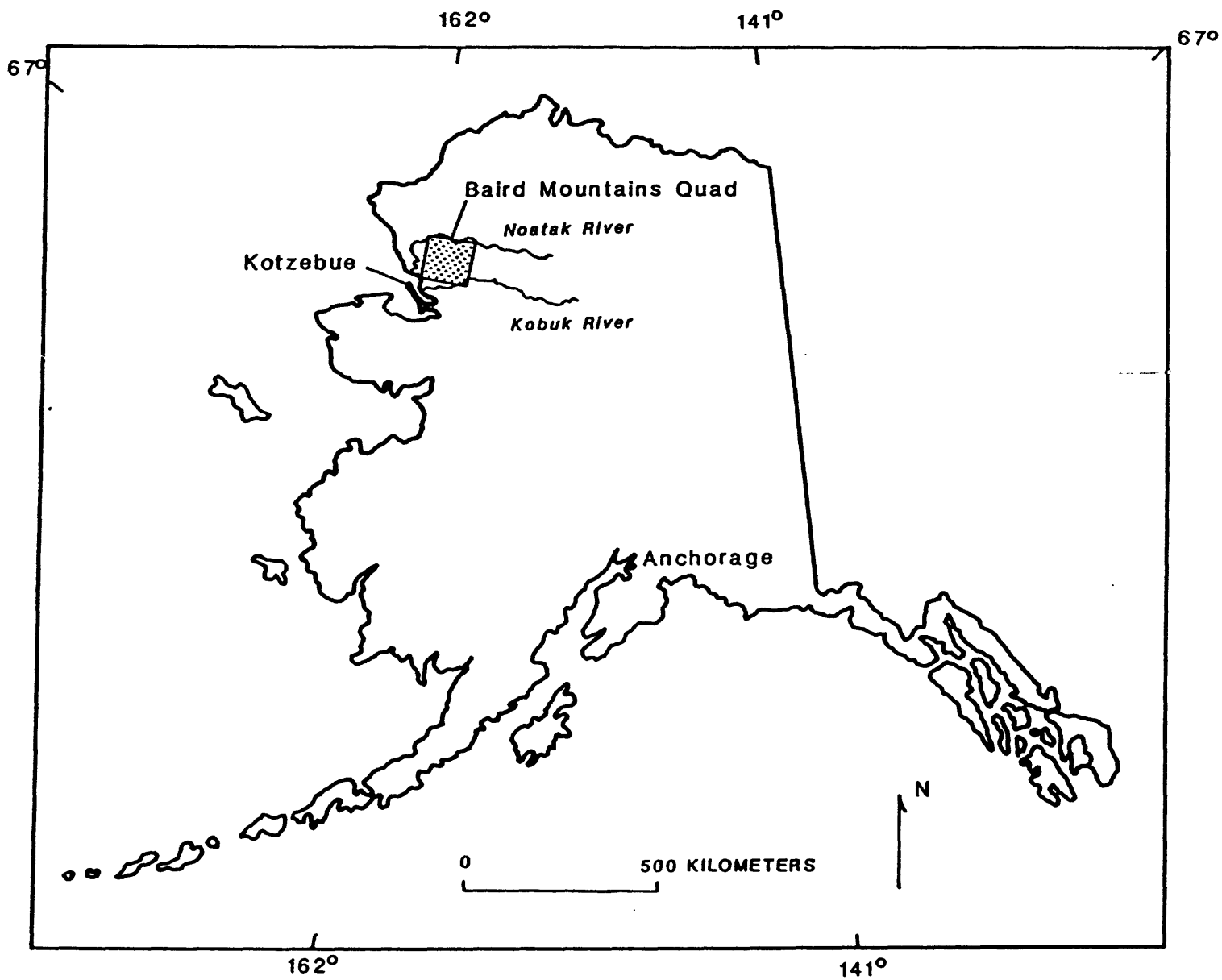


Figure 1. Location map of the Baird Mountains quadrangle, Alaska.

## Analytical Methods

Rock samples were crushed and then pulverized to minus 0.15mm with ceramic plates. All samples were then analyzed for 30 elements with a DC-arc emission spectrograph using a six-step, semiquantitative method described by Grimes and Maranzino (1968). Elements analyzed and their lower limits of determination are listed in table 2. Standard concentrations are geometrically spaced over any given order of magnitude of concentration as follows: 100, 50, 20, 10, and so forth. Samples whose concentrations are estimated to fall between those values are assigned values of 70, 30, 15, and so forth. The precision of the analytical method is approximately plus or minus one reporting interval at the 83 percent confidence level and plus or minus two reporting intervals at the 96 percent confidence level (Motooka and Grimes, 1976). That is, a reported reading of 70 could be as high as 150 or as low as 30 at the 96% confidence level.

In addition, atomic absorption spectrophotometry was used to determine antimony, arsenic, bismuth, cadmium, and zinc contents. Quantitative analyses reported from AA are not on a stepped scale but reflect the higher precision and lower determination limits of this method (O'Leary and Viets, 1986).

Analysts were: E.A. Bailey, J.L. Jones, S.J. Sutley, and D.F. Siems.

## ROCK ANALYSIS STORAGE SYSTEM

Upon completion of spectrographic analyses, the results were entered into a computer-based file called Rock Analysis Storage System (RASS). This data base contains both descriptive geological information and analytical data. The RASS data was converted to a binary form (STATPAC) for computerized statistical analysis. The binary (STATPAC) data was in turn (by use of Statpac program "filter") converted to the standard ASCII formatted file BMCHEM.DAT reproduced here, and may now be accessed by any text editing or statistical analysis program that can read ASCII format. To return ASCII file BMCHEM.DAT to binary format use STATPAC program "unfilter". For more information on the STATPAC system reference Grundy and Miesch, 1987a, b, and c.

The Open-File Report "Analytical Results and Sample Locality Maps of Mineralized and Unmineralized Rock Samples from the Baird Mountains Quadrangle, Alaska" is also available in paper copy (Zayatz and others, 1988).

## DESCRIPTION OF ROCK SAMPLE LOCATION MAPS AND FILE BMCHEM.DAT

Rock samples were numbered by the year collected and a two letter code identifying the collector, as shown below in parentheses: Randy Baker (RB), Julie A. Dumoulin (DN), Inyo Eilersieck (EK), Michael Flaherty (MF), Peter F. Folger (PF), Susan M. Karl (SK), Darrell Kaufman (KN), Jeanine M. Schmidt (JS), William B. Thompson (BT), and Alison Till (TI). The sample labels (AHUA), (OM), and (PM) correspond to rock samples collected at the Ahua, Omar, and Powdermilk prospects, respectively. These identifying sample codes are used in file BMCHEM.DAT .

The ASCII file BMCHEM.DAT lists analytical results for 1,892 mineralized and unmineralized rock samples collected from the Baird Mountains quadrangle, Alaska. The ordering of samples in BMCHEM.DAT and appendix 1 corresponds to the location numbers shown on the rock sample location maps (plates 1 and 2). For example, the 100th sample listed in file BMCHEM.DAT and appendix 1 is found on plate 1 as location site 100. Plate 1 (mineralized rocks) contains sample numbers 1-337 inclusive, while plate 2 (unmineralized rocks) contains sample numbers 338-1892 inclusive. The samples are ordered consecutively, by 15-minute quadrangle, beginning in the upper northwest corner of the map (D6 quadrangle), progressing eastward across the D-tier to the D1 quadrangle. The same ordering system is then followed for the C-, B-, and A-tier quadrangles. Where multiple samples were collected at the same or nearby sites some identifying numbers are combined. A comma (,) separates non-consecutive sample id's, while a hyphen (-) separates a consecutive series of sample id's located at a single site on plates 1 and 2. In addition, sample numbers 250-259, collected from the Ahua prospect; 260-300, collected from the Omar prospect; and 301-337, collected from the Powdermilk prospect are each represented by a single site locating each prospect. Geochemical analyses for each sample are reported individually in BMCHEM.DAT.

The data in BMCHEM.DAT is arranged so that the U.S.G.S. field sample number appears first on the line header which separates individual sample analyses. This is followed by a laboratory number, and latitude and longitude in degrees, minutes and seconds. Beginning on line two, latitude and longitude listed as decimal degrees is followed by coded information regarding rock type and geochemical grouping. Sample coding used in this file is explained in table 1. Analytical data follows in the next 32 columns in wrap-around line format (S-Fe%, S-Mg%, S-Ti%, S-Ag, S-As, AA-As, S-B, S-Ba, S-Be, S-Bi, AA-Bi, S-Cd, AA-Cd, S-Co, S-Cr, S-Cu, S-La, S-Mn, S-Mo, S-Nb, S-Ni, S-Pb, S-Sb, AA-Sb, S-Sc, S-Sn, S-Sr, S-V, S-Y, S-Zn, AA-Zn, S-Zr). Values determined for major elements (Fe, Mg, and Ti) are given in weight percent; all others are reported in parts per million. None of the 1,892 samples had detectable concentrations of gold (Au), thorium (Th), or tungsten (W); these elements do not appear in BMCHEM.DAT.

Elements that show the letters "AA" preceding the element symbol are atomic absorption analyses, elements in which the letter "S" precedes the element symbol are emission spectrographic analyses. The letter "N" in file BMCHEM.DAT following a reported value indicates that a given element was looked for but not detected at the lower limit of determination shown for that element in table 2. When an element was observed but was below the lowest reportable value, an "L" was entered following the lower limit of determination. When an element was observed but was above the highest reportable value, a "G" was entered in the file following the upper limit of determination. Because of the formatting used in the computer program that produced file BMCHEM.DAT, some of the elements listed (Fe, Mg, Ti, Ag, and Be) carry one or more nonsignificant digits to the right of the significant digits. The analysts did not determine these elements to the accuracy suggested by the extra zeros.

Table 1  
Sample coding used for rock samples from  
the Baird Mountains quadrangle, Alaska

---

ROCK TYPE

11	Unidentified Rock	25	Quartzite
12	Sedimentary Rock	26	Marble
13	Metamorphic Rock	27	Skarn
14	Igneous Rock	28	Slate, Phyllite
16	Conglomerate	29	Felsic Igneous
17	Sandstone	30	Intermediate Igneous
18	Siltstone	31	Mafic Igneous
20	Shale	32	Ultramafic Igneous
21	Limestone, Dolostone	34	Chert, Jasperoid
22	Carbonate	35	Other
24	Schist		

---

GX GROUP      Geochemical Groups (as defined for this study)

1	Carbonate	7	Ultramafic
2	Detrital (Pelitic)	8	Hornfels
3	Mafic Volcanic	9	Dikes
4	Felsic Igneous (Volcanic)	10	Unclassified
5	Metamorphic/Migmatite	37	Other
6	Intermediate Intrusive		

---

Table 2

Lower limit of determination for respective elements (All analyses are by emission spectrography unless otherwise noted; AA indicates atomic-absorption spectrophotometry). Data are reported in weight percent for Fe, Mg, and Ti; all other data in parts per million.

Element	Limit	Element	Limit
Fe	0.05 %	La	20
Mg	.02 %	Mn	10
Ti	.002 %	Mo	5
Ag	0.5	Nb	20
As	200	Ni	5
As-AA	10	Pb	10
B	10	Sb	100
Ba	20	Sb-AA	2
Be	1	Sc	2
Bi	10	Sn	10
Bi-AA	1	Sr	100
Cd	20	V	10
Cd-AA	0.1	Y	10
Co	5	Zn	200
Cr	10	Zn-AA	5
Cu	5	Zr	10

## REFERENCES CITED

- Grimes, D.J., and Marranzino, A.P., 1968, Direct-current arc and alternating-current spark emission spectrographic field methods for the semiquantitative analysis of geologic materials: U.S. Geological Survey Circular 591, 6 p.
- Grundy, W.D., and Miesch, A.T., 1987a, Brief descriptions of STATPAC and related statistical programs for the IBM personal computer; A, Documentation: U.S. Geological Survey Open-File Report OF 87-0411-A, 34p.
- Grundy, W.D., and Miesch, A.T., 1987b, Brief descriptions of STATPAC and related statistical programs for the IBM personal computer; B, Source code: U.S. Geological Survey Open-File Report OF 87-0411-B, (5) 5 1/4-inch diskettes.
- Grundy, W.D., and Miesch, A.T., 1987c, Brief descriptions of STATPAC and related statistical programs for the IBM personal computer; C, Source code and executable modules: U.S. Geological Survey Open-File Report OF 87-0411-C, (10) 5 1/4-inch diskettes.
- Motooka, J.M., and Grimes, D.J., 1976, Analytical precision of one-sixth order semiquantitative spectrographic analyses: U.S. Geological Survey Circular 738, 25 p.
- O'Leary, R.M., and Viets, J.G., 1986, Determination of Sb, As, Bi, Cd, Cu, Pb, Mo, Ag, and Zn in geologic materials by atomic absorption spectrophotometry using a hydrochloric acid-hydrogen peroxide digestion: Atomic Spectroscopy, v. 3, p. 4-8.
- Wilson, F.H., and Turner, D.L., 1975, Radiometric age map of Alaska--Northern Alaska: Alaska Division of Geological and Geophysical Surveys Open-File Report AOF-86, 11 p., 1 sheet, scale 1:1,000,000.
- Zayatz, M.R., Thompson, W.B., Bailey, E.A., Sutley, S.J., Folger, P.F., Karl, S.M., and Schmidt, J.M., 1988 Analytical results and sample locality maps of mineralized and unmineralized rock samples from the Baird Mountains quadrangle, Alaska: U.S. Geological Survey Open-File Report OF 88-256-A, 159 p., 2 plates.



Appendix 1. Sample order (ID), FIELD NUM (U.S.G.S. sample number), LAT, LONG, QUADNUM (15-minute quad), ROCK TYPE, and Geochemical (GX) GROUP for rock samples on plates 1 and 2, Baird Mountains quadrangle, Alaska.

ID	FIELD NUM	LAT	LONG	QUADNUM	ROCKTYPE	GX GROUP	ID	FIELD NUM	LAT	LONG	QUADNUM	ROCKTYPE	GX GROUP
1	84JS026A	675310	1614610	D-6	P	C	51	85MF063	673347	1613330	C-6	Z	J
2	84JS026B	675310	1614610	D-6	P	B	52	85MF076B	673051	1613710	C-6	I	A
3	84JS026C	675310	1614610	D-6	P	C	53	85JS114B	673615	1613020	C-6	Z	J
4	84JS026D	675310	1614610	D-6	P	C	54	85JS089A	673737	1613335	C-6	Z	J
5	85ST084C	675820	1613550	D-6	R	B	55	85JS113A	674027	1613400	C-6	Z	J
6	84JS010B	675320	1613158	D-6	Z	J	56	85JS113C	674023	1613340	C-6	Z	J
7	84JS005C	674800	1613650	D-6	Z	J	57	85MF077A	673120	1613605	C-6	I	A
8	85ST084A	675820	1613550	D-6	G	B	58	85MF077B	673120	1613605	C-6	Z	J
9	84SK026B	674740	1613750	D-6	Z	J	59	85SK063B	674021	1613108	C-6	Z	I
10	85MF118	674850	1614320	D-6	M	B	60	85PF166B	674010	1613510	C-6	Z	J
11	84PF073R	675202	1614304	D-6	Z	J	61	85PF165B	674024	1613510	C-6	Z	J
12	84PF070R	675316	1614536	D-6	G	C	62	85PF164A	674025	1613504	C-6	Z	J
13	84PF070A	675316	1614536	D-6	Z	C	63	85PF162A	674042	1613453	C-6	Z	J
14	84JS005B	674800	1613650	D-6	Q	J	64	85SK094B	673948	1613423	C-6	F	B
15	85SK100A	674802	1614420	D-6	E	B	65	85SK242A	673310	1613738	C-6	R	I
16	85SK091B	675059	1615218	D-6	O	D	66	85SK205B	673220	1613959	C-6	M	B
17	84JS021A	675135	1611450	D-5	P	C	67	85PF079B	673452	1614230	C-6	E	B
18	84JS018C	674958	1611750	D-5	R	J	68	85MF102D	674428	1614810	C-6	Z	J
19	84JS016E	674545	1612358	D-5	G	B	69	85PF116B	673416	1615315	C-6	Z	J
20	84JS016C	674945	1612358	D-5	G	B	70	85PF122C	673151	1613210	C-6	Z	J
21	84JS015C	674720	1611615	D-5	R	B	71	85PF122A	673151	1613210	C-6	Z	J
22	84JS014B	674720	1611730	D-5	G	B	72	85PF119A	673028	1614920	C-6	Z	J
23	85PF060A	675500	1612940	D-5	Z	J	73	85PF084	673758	1614400	C-6	Z	J
24	84PF046R	674738	1611324	D-5	M	B	74	84EK063	674254	1614103	C-6	Z	J
25	84PF045R	674718	1611224	D-5	G	B	75	84EK062B	674248	1614112	C-6	Z	J
26	85JS124B	675116	1604628	D-4	Z	J	76	84PF090R	674038	1613442	C-6	Z	J
27	85JS122A	675004	1604855	D-4	H	J	77	84PF089R	674036	1613500	C-6	Z	J
28	85PF178A	675029	1605104	D-4	E	B	78	84PF088R	674020	1613348	C-6	Z	J
29	85MF83	674950	1601550	D-3	M	B	79	84JS030B	674350	1614400	C-6	Z	J
30	85JS092A	674735	1601530	D-3	M	B	80	84JS30D	674350	1614400	C-6	F	B
31	84PF310R	674854	1595112	D-2	Z	J	81	85JS063A	673615	1613350	C-6	Z	J
32	85SK106B	675258	1595910	D-2	R	I	82	84SK092B	673558	1614300	C-6	Z	I
33	85JS071D	674651	1590748	D-1	Z	J	83	84RB103B	674350	1614400	C-6	Z	J
34	84PF293	674548	1592548	D-1	Z	J	84	84RB103D	674350	1614400	C-6	Z	J
35	84RB209R	674958	1592005	D-1	Q	B	85	84RB103A	674350	1614400	C-6	Z	J
36	85PF194A	675218	1590612	D-1	E	B	86	85JS121G	673431	1611828	C-5	Z	J
37	85JS071A	674651	1590748	D-1	M	B	87	85JS121F	673429	1611828	C-5	Z	J
38	85PF188A	674932	1590319	D-1	D	B	88	85JS121D	673458	1611758	C-5	M	A
39	85PF187D	674931	1590445	D-1	Z	A	89	85JS87C	673447	1610618	C-5	I	A
40	85PF187C	674931	1590445	D-1	Z	A	90	85MF072	673505	1610450	C-5	Z	J
41	85PF187B	674931	1590445	D-1	Z	J	91	85JS086B	673748	1610645	C-5	Z	J
42	85PF187A	674931	1590445	D-1	I	A	92	85JS100A	673246	1610235	C-5	M	B
43	85EK016J	675205	1591830	D-1	E	B	93	85JS087E	673447	1610618	C-5	Z	J
44	85JS071C	674651	1590748	D-1	Z	J	94	85JS087C	673447	1610618	C-5	I	A
45	85JS079E	673450	1614855	C-5	E	B	95	85JS086D	673742	1610645	C-5	Z	J
46	85JS079D	673458	1614855	C-6	Z	J	96	85JS086C	673755	1610630	C-5	E	B
47	85JS079A	673458	1614855	C-6	Z	J	97	85JS110B	674024	1612733	C-5	Z	J
48	85JS083D	673530	1613050	C-6	Z	J	98	85JS110C	674024	1612733	C-5	Z	J
49	85JS078A	673540	1614620	C-6	Z	J	99	85JS111A	673945	1612945	C-5	Z	J
50	85MF062	673502	1614940	C-6	Z	J	100	85PF175D	673530	1611916	C-5	Z	J

ID	FIELD NUM	LAT	LONG	QUADNUM	ROCKTYPE	GX GROUP	ID	FIELD NUM	LAT	LONG	QUADNUM	ROCKTYPE	GX GROUP
101	85SK0908	674020	1612802	C-5	F	B	131	84PF114	674018	1602439	C-3	M	D
102	85SK248B	673927	1611058	C-5	M	B	132	84PF115	674018	1602439	C-3	Z	J
103	85PF132B	673436	1610719	C-5	Z	A	152	84EK071A	674004	1602300	C-3	M	D
104	85PF132A	673442	1610720	C-5	I	A	154	84J50310	673743	1601815	C-3	Z	J
105	85PF056A	673748	1611558	C-5	I	A	155	84J5031C	673743	1601825	C-3	M	D
106	85MF103	674035	1612900	C-5	Z	J	156	84J50310	673744	1601840	C-3	Z	J
107	85PF131A	673449	1610725	C-5	Z	J	157	84J5033A	673212	1601535	C-3	J	E
108	85PF130B	673509	1610808	C-5	I	A	158	84EK102	673301	1601612	C-3	M	D
109	85PF130A	673512	1610824	C-5	I	A	159	844EK101	673256	1601645	C-3	M	D
110	85PF129A	673520	1610740	C-5	I	A	160	83J5103B	674350	1600132	C-3	L	A
111	85PF128B	673511	1610622	C-5	I	A	161	85SK164A	674410	1593057	C-2	P	C
112	85PF127B	673509	1610518	C-5	I	A	162	83EK014E	674100	1593755	C-2	M	A
113	85PF127A	673510	1610516	C-5	I	A	163	85PF083A	673758	1594400	C-2	I	A
114	84EK055	673838	1612520	C-5	Z	J	164	85DN0620	673923	1593435	C-2	I	A
115	84PF227R	673643	1611312	C-5	Z	J	165	84PF302R	674022	1593912	C-2	Z	J
116	84J5028E	673800	1612445	C-5	Z	J	166	84PF305R	674454	1593424	C-2	Z	J
117	84EK136D	673735	1610225	C-5	F	B	167	85J50760	673902	1590227	C-1	J	E
118	84J5046A	673708	1611325	C-5	L	A	168	85J5075C	673928	1590232	C-1	Z	J
119	84J5047	673652	1611005	C-5	Z	J	169	85T1246C	673527	1591220	C-1	M	A
120	84PF025R	674148	1612232	C-5	Z	J	170	85T12460	673527	1591220	C-1	M	A
121	84J5028F	673805	1612455	C-5	Z	J	171	85T1223B	673830	1591230	C-1	J	E
122	85J5045D	673858	1612310	C-5	L	A	172	85T1222D	673828	1591220	C-1	J	E
123	85J5047C	673907	1612420	C-5	L	A	173	85BK3500	673440	1591200	C-1	K	B
124	85J5050B	674110	1612145	C-5	Z	A	174	85SK296C	674228	1592340	C-1	E	D
125	85J5096A	673857	1604140	C-4	Z	J	175	85PF107C	674045	1590736	C-1	J	E
126	85J5108A	673018	1604635	C-4	Z	J	176	85PF107B	674056	1590705	C-1	Z	J
127	85J5108B	673018	1604635	C-4	Z	J	177	85PF107E	674042	1590847	C-1	J	E
128	85PF149B	673540	1604450	C-4	I	A	178	85J5069B	674216	1590951	C-1	M	B
129	85PF145A	673605	1604735	C-4	Z	J	179	84PF191A	673812	1590338	C-1	Z	J
130	85PF134A	673423	1605309	C-4	I	A	180	84PF191B	673838	1590338	C-1	I	A
131	85MF091	673426	1604937	C-4	I	A	181	84PF192A	673812	1590340	C-1	Z	J
132	84PF158	673748	1603512	C-4	Z	J	182	84PF193B	673812	1590340	C-1	I	A
133	84J5051B	673327	1605852	C-4	Z	J	183	84PF196B	674236	1590806	C-1	Z	J
134	84M0008	673000	1605000	C-4	Z	J	184	84J5066B	674428	1592905	C-1	H	A
135	84EK080	674226	1603000	C-4	M	B	185	85J5067C	674246	1591155	C-1	Z	J
136	84PF233R	673614	1605724	C-4	Z	A	186	85J5067E	674239	1591132	C-1	Z	J
137	85SK154B	674245	1605140	C-4	Z	J	187	83SK1160	674012	1591205	C-1	J	E
138	85BT1108	673721	1605908	C-4	Z	J	188	84DT143	672843	1613419	B-6	H	A
139	85BT191A	674018	1603227	C-4	M	B	189	85SK1850	672809	1614413	B-6	P	C
140	85J5106B	673031	1602311	C-3	Z	J	190	85DN098D	672358	1614005	B-6	R	J
141	85J5106C	673031	1602258	C-3	Z	J	191	84J6057D	672625	1613155	B-6	Z	J
142	85J5106D	673030	1602250	C-3	Z	J	192	84J6059C	672550	1614050	B-6	H	A
143	85J5106E	673030	1602250	C-3	Z	J	193	84J535B	672910	1613555	B-6	H	A
144	85J5106F	673030	1602235	C-3	Z	J	194	85PF072B	672810	1615155	B-6	Z	J
145	85PF161C	673004	1602417	C-3	Z	J	195	85MF110	672710	1615200	B-6	M	B
146	85PF161B	673000	1602435	C-3	Z	J	196	84PF283R	672715	1614026	B-6	Z	J
147	85MF099C	673230	1602620	C-3	J	E	197	84PF276R	672940	1613036	B-6	Z	J
148	84PF112	674018	1602357	C-3	Z	J	198	84EK117	672130	1604625	B-4	Z	J
149	84EK072B	674029	1602610	C-3	M	B	199	83J9014X	672500	1604500	B-4	Z	J
150	84PF113	674024	1602345	C-3	Z	J	200	83J5014V	672500	1604500	B-4	Z	J

ID	FIELD NUM	LAT	LONG	QUADNUM	ROCKTYPE	GX GROUP	ID	FIELD NUM	LAT	LONG	QUADNUM	ROCKTYPE	GX GROUP
201	83JS014T	672500	1604500	B-4	Z	J	251	AHUA22	674400	1614400	C-6	Z	J
202	83GK008B	672842	1604222	B-4	R	I	252	AHUA23	674400	1614400	C-6	Z	Z
203	83GK008A	672842	1604222	B-4	R	I	253	AHUA21	674400	1614400	C-6	G	J
204	85JS107E	672803	1604515	B-4	Z	J	254	AHUA22	674400	1614400	C-6	Z	J
205	85JS107D	672757	1604520	B-4	Z	J	255	AHUAH1	674400	1614400	C-6	M	B
206	85JS107C	672742	1604503	B-4	Z	J	256	AHUAJ1	674400	1614400	C-6	R	J
207	85JS107B	672732	1604505	B-4	Z	J	257	AHUAH1	674400	1614400	C-6	R	J
208	85JS107A	672728	1604500	B-4	Z	J	258	AHUAL2	674400	1614400	C-6	Z	J
209	85JS037E	672722	1604735	B-4	I	A	259	AHUAL3	674400	1614400	C-6	M	J
210	85JS037K	672722	1604735	B-4	I	B	260	OM004	673000	1605000	C-4	Z	Z
211	85JS037L	672722	1604735	B-4	I	A	261	OM005	673000	1605000	C-4	Z	Z
212	85JS037M	672722	1604735	B-4	I	A	262	OM007	673000	1605000	C-4	Z	Z
213	85JS038A	672730	1604745	B-4	I	A	263	OM009	673000	1605000	C-4	Z	Z
214	85JS060A	672750	1604850	B-4	Z	A	264	OM010	673000	1605000	C-4	Z	Z
215	85JS061A	672730	1604758	B-4	I	A	265	OM011	673000	1605000	C-4	Z	Z
216	85JS109A	672744	1604550	B-4	Z	J	266	OM103	672938	1605000	B-4	Z	Z
217	85JS109E	672739	1604520	B-4	Z	J	267	OM104	672937	1605000	B-4	I	Z
218	85JS109G	672738	1604515	B-4	Z	J	268	OM105	672933	1605000	B-4	I	Z
219	84PF210R	672724	1604252	B-4	I	A	269	OM107	672928	1605000	B-4	I	Z
220	85JS562A	672730	1604730	B-4	I	J	270	OM109	672925	1605000	B-4	I	Z
221	85T1234B	672216	1601937	B-3	Z	J	271	OM110	672922	1605000	B-4	I	Z
222	85T1234C	672216	1601937	B-3	Z	J	272	OM111	672919	1605000	B-4	I	Z
223	83JS024B	672425	1602710	B-3	J	E	273	OM111B	672919	1605000	B-4	I	Z
224	85PF158C	672741	1602608	B-3	Z	J	274	OM114	672923	1605000	B-4	I	Z
225	85T1234A	672216	1601937	B-3	Z	J	275	OM115	672927	1605000	B-4	I	Z
226	85T1230A	671653	1602936	B-3	Z	J	276	OM116	672935	1605000	B-4	I	Z
227	83JS027A	672358	1602558	B-3	J	E	277	OM117	672935	1605000	B-4	I	Z
228	83JS031A	672310	1602960	B-3	M	E	278	OM121	672932	1605000	B-4	I	Z
229	84EK085	672606	1601855	B-3	J	E	279	OM124	672931	1605000	B-4	I	Z
230	84JS035A	672918	1602022	B-3	Z	J	280	OM125	672933	1605000	B-4	I	Z
231	84RB173	671536	1601442	B-3	Y	J	281	OM126	672934	1605000	B-4	I	Z
232	84RB175	671524	1601712	B-3	J	E	282	OM128	673009	1605000	C-4	I	Z
233	85BT178B	672321	1602025	B-3	J	E	283	OM129	673026	1605000	C-4	I	Z
234	85BT178C	672223	1602040	B-3	J	E	284	OM131	673037	1605000	C-4	I	Z
235	84JS036B	672820	1602010	B-3	J	E	285	OM132	673037	1605000	C-4	I	Z
236	84JS036C	672820	1602010	B-3	M	B	286	OM134	672953	1605000	B-4	I	Z
237	83EK097C	672530	1590535	B-1	K	E	287	OM139	672956	1605000	B-4	I	Z
238	85T1265J	672900	1590215	B-1	J	E	288	OM139B	672956	1605000	B-4	I	Z
239	83JS108C	672055	1590055	B-1	J	E	289	OM141	673017	1605000	C-4	I	Z
240	83EK097F	672533	1590450	B-1	M	B	290	OM144	672958	1605000	B-4	I	Z
241	83EK097E	672536	1590510	B-1	K	E	291	OM146	673047	1605000	C-4	I	Z
242	85T1265K	672900	1590215	B-1	J	E	292	OM147	673042	1605000	C-4	I	Z
243	84EK090A	671229	1601028	A-3	M	B	293	OM153	673015	1605000	C-4	I	Z
244	84EK110	670525	1601613	A-3	J	E	294	OM157	672920	1605222	B-4	H	A
245	84PF177A	671112	1601336	A-3	J	E	295	OM158	672921	1605222	B-4	E	A
246	84PF173B	671215	1601320	A-3	Z	J	296	OM158A	672921	1605222	B-4	E	A
247	84PF149	671148	1600742	A-3	J	E	297	OM161	672938	1605304	B-4	E	A
248	83EK024L	671117	1595200	A-2	P	C	298	OM72	673000	1605000	C-4	H	A
249	84BT126	670000	1590000	A-1	Z	J	299	OM73	673000	1605000	C-4	H	A
250	AHUA1	674400	1614400	C-6	G	B	300	OM79	673000	1605000	C-4	H	A

ID	FIELD NUM	LAT	LONG	QUADNUM	ROCKTYPE	GX GROUP	LAT	LONG	QUADNUM	ROCKTYPE	GX GROUP
301	PM06A	672730	1604800	B-4	Z	Z	673432	1613215	D-6	E	D
302	PM06B	672730	1604800	B-4	Z	Z	674838	1613400	D-6	E	D
303	PM06C	672730	1604800	B-4	Z	Z	675150	1613605	D-6	D	C
304	PM06D	672730	1604800	B-4	Z	Z	675320	1613160	D-6	D	C
305	PM06E	672730	1604800	B-4	Z	Z	674700	1613655	D-6	D	C
306	PM06F	672730	1604800	B-4	Z	Z	674740	1613750	D-6	D	C
307	PM12A	672730	1604800	B-4	Z	Z	674740	1613842	D-6	E	B
308	PM12B	672730	1604800	B-4	Z	Z	675155	1614255	D-6	E	D
309	PM12C	672730	1604800	B-4	Z	Z	675625	1613640	D-6	R	D
310	PM12D	672730	1604800	B-4	Z	Z	675625	1613640	D-6	D	F
311	PM12E	672730	1604800	B-4	Z	Z	675610	1613805	D-6	A	B
312	PM14A	672730	1604800	B-4	Z	Z	675610	1613920	D-6	P	C
313	PM14B	672730	1604800	B-4	Z	Z	675430	1613555	D-6	E	E
314	PM14C	672730	1604800	B-4	Z	Z	675428	1613545	D-6	D	C
315	PM14D	672730	1604800	B-4	Z	Z	675428	1613545	D-6	D	C
316	PM14E	672730	1604800	B-4	Z	Z	675428	1613545	D-6	D	C
317	PM14F	672730	1604800	B-4	Z	Z	675428	1613520	D-6	E	B
318	PM14G	672730	1604800	B-4	Z	Z	675412	1613610	D-6	D	O
319	PM19A	672730	1604800	B-4	I	I	675412	1613610	D-6	E	B
320	PM19B	672730	1604800	B-4	I	I	675412	1613614	D-6	E	B
321	PM19C	672730	1604800	B-4	I	I	675407	1613620	D-6	R	B
322	PM19D	672730	1604800	B-4	I	I	675350	1613635	D-6	Z	J
323	PM19E	672730	1604800	B-4	I	I	675330	1613630	D-6	P	C
324	PM19F	672730	1604800	B-4	I	I	675625	1613925	D-6	P	C
325	PM19G	672730	1604800	B-4	I	I	675640	1613930	D-6	P	C
326	PM19H	672730	1604800	B-4	I	I	675630	1613545	D-6	D	F
327	PM19I	672730	1604800	B-4	I	I	675641	1613540	D-6	E	B
328	PM19J	672730	1604800	B-4	I	I	675155	1614255	D-6	D	B
329	PM19K	672730	1604800	B-4	I	I	674745	1613905	D-6	E	B
330	PM19L	672730	1604800	B-4	I	I	674745	1613905	D-6	A	C
331	PM21A	672730	1604800	B-4	I	I	674807	1613925	D-6	E	B
332	PM21B	672730	1604800	B-4	I	I	674815	1614022	D-6	F	B
333	PM21C	672730	1604800	B-4	I	I	674820	1614058	D-6	E	B
334	PM21D	672730	1604800	B-4	I	I	674820	1614058	D-6	F	B
335	PM23B	672730	1604800	B-4	I	I	674835	1614015	D-6	F	B
336	PM23C	672730	1604800	B-4	I	I	674845	1614045	D-6	D	B
337	PM23D	672730	1604800	B-4	I	I	674858	1613915	D-6	D	C
338	84JS027C	675115	1615055	D-6	D	C	675218	1614005	D-6	G	B
339	84JS027D	675105	1615125	D-6	P	C	675225	1614006	D-6	E	D
340	84JS05A	674800	1613650	D-6	G	B	675230	1614020	D-6	I	B
341	84JS027A	675120	1615015	D-6	P	C	675222	1614130	D-6	E	B
342	84JS026E	675310	1614610	D-6	P	C	675209	1614224	D-6	R	B
343	84JS025C	675255	1614650	D-6	F	H	675209	1614224	D-6	D	F
344	84JS025B	675235	1614706	D-6	P	C	675208	1614250	D-6	R	B
345	84JS025A	675235	1614706	D-6	P	C	675200	1614323	D-6	D	F
346	84PF001R	674830	1613840	D-6	E	B	675200	1614323	D-6	R	B
347	84PF071R	675136	1614212	D-6	G	C	674815	1613810	D-6	G	B
348	84PF072R	675200	1614312	D-6	G	C	674815	1613810	D-6	G	B
349	84JS024B	675455	1613110	D-6	P	C	675020	1613525	D-6	D	C
350	84JS024A	675455	1613110	D-6	P	C	674740	1613610	D-6	D	C

ID	FIELD NUM	LAT	LONG	QUADNUM	ROCKTYPE	GX GROUP	ID	FIELD NUM	LAT	LONG	QUADNUM	ROCKTYPE	GX GROUP
401	84EK009	674946	1613647	D-6	P	I	431	83SK233A	675637	1614441	D-6	F	B
402	84EK046	675602	1613836	D-6	P	I	432	83SK235A	674847	1613012	D-6	M	D
403	84EK047A	675318	1614324	D-6	P	C	433	83SK235B	674847	1613012	D-6	R	D
404	84EK047B	675318	1614324	D-6	G	B	434	83SK236A	674840	1613118	D-6	M	D
405	84EK050	675324	1614226	D-6	P	I	435	83SK084A	674602	1614006	D-6	G	B
406	84EK051C	675320	1614210	D-6	P	I	436	83SK083A	674602	1614023	D-6	P	C
407	84EK053	675308	1614125	D-6	Z	G	437	83DN079Y	674818	1615215	D-6	P	C
408	84JS006	674820	1613700	D-6	G	B	438	83DN091A	675848	1613620	D-6	P	C
409	84JS006C	674820	1613700	D-6	G	B	439	83DN099A	675658	1613035	D-6	E	D
410	84SK062C	675640	1613930	D-6	F	B	460	84SK063A	675652	1613959	D-6	R	B
411	84SK062D	675640	1613258	D-6	R	B	461	84SK064A	675227	1619258	D-6	P	C
412	83SK197A	674530	1614735	D-6	E	D	462	84SK065A	675235	1615240	D-6	F	D
413	83SK198A	674548	1614711	D-6	K	B	463	84SK065B	675235	1615240	D-6	R	B
414	83SK199A	674530	1614655	D-6	G	B	464	84SK065C	675235	1615240	D-6	E	B
415	83SK200A	674607	1614805	D-6	O	B	465	84SK066A	675250	1615220	D-6	D	B
416	83SK201B	674615	1614829	D-6	K	B	466	84SK066B	675250	1615230	D-6	P	C
417	83SK202A	674638	1614852	D-6	O	B	467	84SK067A	675310	1615220	D-6	P	C
418	83SK203A	674630	1614829	D-6	K	B	468	84SK068A	675320	1615150	D-6	R	B
419	83SK212A	674525	1614230	D-6	K	B	469	84SK069A	675332	1615115	D-6	F	B
420	83SK212E	674525	1614230	D-6	O	B	470	84SK070A	675405	1615110	D-6	R	B
421	83SK212H	674525	1614230	D-6	G	B	471	84SK071A	675405	1619225	D-6	P	C
422	83SK212J	674525	1614230	D-6	O	B	472	83SK069A	674605	1614109	D-6	J	E
423	83SK213A	674518	1614200	D-6	K	B	473	83SK073A	674757	1614349	D-6	G	B
424	83SK222A	675734	1613310	D-6	P	C	474	83SK074A	674633	1613950	D-6	P	C
425	83SK223A	675735	1613238	D-6	E	A	475	83SK076A	674649	1613959	D-6	D	B
426	83SK224A	675705	1613424	D-6	F	B	476	83SK080A	674623	1614121	D-6	M	B
427	83SK224B	675705	1613424	D-6	P	C	477	83SK081A	674618	1614060	D-6	P	C
428	83SK226A	675824	1613808	D-6	P	C	478	83SK082A	674610	1614043	D-6	P	C
429	83SK227A	675737	1613638	D-6	P	C	479	84PF013R	675260	1612835	D-5	E	B
430	83SK196A	674527	1614637	D-6	K	B	480	84PF015R	675205	1612445	D-5	O	B
431	83SK199A	674523	1614613	D-6	E	B	481	84PF028R	674656	1612148	D-5	M	B
432	83SK194A	674524	1614513	D-6	G	D	482	84PF047R	674806	1611412	D-5	M	B
433	83SK085A	674713	1614527	D-6	E	B	483	84PF064R	675642	1611924	D-5	E	B
434	83SK086A	674754	1614529	D-6	G	B	484	84PF069R	675118	1612414	D-5	P	C
435	83SK088A	675015	1615030	D-6	P	C	485	84JS011B	675340	1612910	D-5	P	C
436	83SK091A	675059	1615218	D-6	D	D	486	84JS011D	675320	1612925	D-5	O	B
437	83SK099A	674818	1614418	D-6	E	D	487	84JS014A	674720	1611730	D-5	G	D
438	83SK102A	674529	1613960	D-6	E	B	488	84JS015	674710	1611615	D-5	K	D
439	83SK103A	674520	1614209	D-6	D	C	489	84JS015B	674720	1611615	D-5	G	B
440	83SK103A	674503	1614409	D-6	P	C	490	84JS016B	674545	1612358	D-5	R	D
441	83SK190A	674606	1614358	D-6	E	B	491	84JS016D	674545	1612358	D-5	G	D
442	83SK191A	674550	1614422	D-6	E	D	492	84JS016G	674545	1612358	D-5	K	D
443	83SK191D	674550	1614422	D-6	E	B	493	84JS017A	674942	1611920	D-5	E	B
444	83SK192C	674530	1614405	D-6	E	C	494	84JS018A	675020	1611740	D-5	G	D
445	83SK193A	674528	1614430	D-6	F	B	495	84JS018B	675020	1611740	D-5	E	D
446	83SK228A	675303	1614921	D-6	R	D	496	84JS019A	675100	1611525	D-5	E	D
447	83SK229A	675314	1614756	D-6	P	C	497	84JS021B	675135	1611450	D-5	P	C
448	83SK230A	675413	1614647	D-6	R	B	498	84JS021D	675135	1611450	D-5	P	C
449	83SK231A	675318	1614858	D-6	E	D	499	83SK103B	674700	1610042	D-5	E	D
450	83SK232A	675433	1614947	D-6	P	C	500	83SK276B	675950	1610657	D-5	E	D

ID	FIELD NUM	LAT	LONG	QUADNUM	ROCKTYPE	CX GROUP	ID	FIELD NUM	LAT	LONG	QUADNUM	ROCKTYPE	CX GROUP
501	85SK273A	675857	1610950	D-3	E	B	531	85PF13B	674500	1603050	D-4	M	D
502	85SK291A	674815	1611425	D-5	E	B	552	85PF148A	674500	1603050	D-4	P	C
503	85SK252A	674913	1612900	D-5	M	B	553	85PF179A	675100	1605850	D-4	E	B
504	85SK293A	674850	1612922	D-5	M	B	554	85EKO16D	674500	1605000	D-4	I	A
505	85SK294A	674837	1612958	D-5	E	B	555	85PFO10A	674646	1605306	D-4	A	B
506	85SK268A	674535	1611233	D-5	E	B	556	85PFO09A	674646	1605524	D-4	I	A
507	85SK269A	674947	1611528	D-5	E	B	557	85SK197A	675525	1600045	D-3	M	B
508	85SK270A	674943	1611852	D-5	E	B	558	85SK196A	675525	1600258	D-3	M	B
509	85SK271A	674606	1612402	D-5	E	B	559	85SK193A	675510	1600600	D-3	J	B
510	85SK272A	674541	1612247	D-5	R	B	560	85SK192A	675500	1600700	D-3	M	B
511	85SK273A	675745	1611940	D-5	E	B	561	85SK178A	675740	1600250	D-3	M	B
512	85SK274A	675245	1611525	D-5	E	B	562	85SK179A	675750	1602030	D-3	A	B
513	858T117A	674946	1612940	D-5	M	B	563	85SK185A	675100	1600030	D-3	E	B
514	858T118A	675608	1611635	D-5	M	B	564	85SK186A	674915	1600058	D-3	M	B
515	858T119A	675436	1610453	D-5	Z	B	565	85SK187A	675435	1601058	D-3	O	B
516	85DN106A	674800	1611330	D-5	E	B	566	85SK188K	675415	1601040	D-3	A	B
517	84SK237A	674658	1610058	D-5	E	B	567	85SK189A	675410	1600950	D-3	O	B
518	85DN121A	675345	1612250	D-5	M	B	568	85SK191A	675445	1600758	D-3	M	B
519	85DN122A	675657	1610440	D-5	M	B	569	84SK099A	674705	1600855	D-3	M	B
520	85SK103A	674700	1610042	D-5	E	B	570	84SK094A	674500	1600835	D-3	J	E
521	85SK146B	674640	1605100	D-4	Y	A	571	84SK095A	674520	1600925	D-3	J	E
522	85SK147R	674650	1605002	D-4	I	A	572	84SK096A	674545	1601025	D-3	M	B
523	85SK146A	674640	1605100	D-4	A	B	573	84SK097A	674625	1600920	D-3	M	B
524	85SK145A	674640	1605210	D-4	O	B	574	84SK097B	674625	1600920	D-3	M	B
525	85SK144A	674603	1605310	D-4	A	B	575	84SK098A	674638	1600945	D-3	M	B
526	85SK139R	674535	1604137	D-4	I	A	576	85J8019	674915	1600050	D-3	D	B
527	84EK176	674902	1605715	D-4	E	B	577	85J8022	675320	1601710	D-3	M	B
528	84EK177	674915	1605558	D-4	E	B	578	83PFO14A	675512	1600512	D-3	E	B
529	85SK180A	675715	1603230	D-4	M	B	579	83PFO15A	675513	1600412	D-3	M	B
530	85SK181A	675820	1603120	D-4	O	B	580	83EKO04A	675035	1595645	D-2	I	A
531	85SK182A	675615	1603405	D-4	A	B	581	83SK170A	675525	1594930	D-2	O	B
532	85SK183A	675500	1603500	D-4	A	B	582	83SK171A	675430	1595000	D-2	G	B
533	85SK184A	675215	1603230	D-4	A	B	583	83SK106A	675258	1595910	D-2	M	B
534	85SK277D	675915	1604525	D-4	M	B	584	83SK108A	674607	1593719	D-2	D	B
535	84SK239A	674610	1605826	D-4	E	B	585	83SK109A	675410	1593605	D-2	E	B
536	84SK240A	674630	1605810	D-4	E	B	586	83SK110A	675755	1594400	D-2	P	B
537	84SK241A	674530	1605658	D-4	F	B	587	83SK137A	674945	1594900	D-2	E	B
538	84SK242A	674523	1605546	D-4	E	B	588	83SK137B	674938	1593732	D-2	G	B
539	84SK243A	674522	1605445	D-4	M	B	589	83SK172A	675445	1594520	D-2	M	B
540	84SK244A	674508	1605310	D-4	M	B	590	83SK173A	675520	1594530	D-2	G	B
541	84SK245A	674510	1605137	D-4	M	B	591	84EK157	674809	1594442	D-2	M	B
542	84SK246A	674503	1605110	D-4	M	B	592	84EK158	674730	1594321	D-2	M	B
543	858T120A	675923	1604218	D-4	E	B	593	84EK159	674532	1594200	D-2	E	C
544	84SK238A	674638	1605924	D-4	E	B	594	84EK160	674551	1594400	D-2	P	B
545	85PF179B	675049	1604740	D-4	M	B	595	83SK174A	675730	1594820	D-2	J	B
546	85DN123	675908	1603850	D-4	F	B	596	83SK174B	675730	1594820	D-2	G	B
547	85JS122B	675004	1604855	D-4	E	B	597	83SK175A	675630	1595030	D-2	M	B
548	85JS123A	674945	1604830	D-4	E	B	598	83SK176A	675510	1595310	D-2	M	B
549	85JS124A	675116	1604628	D-4	M	B	599	83SK177A	675430	1595700	D-2	M	B
550	85PF001R	674734	1603012	D-4	M	B	600	85SK167A	674515	1593828	D-2	D	B

ID	FIELD NUM	LAT	LONG	QUADNUM	ROCKTYPE	GX GROUP	ID	FIELD NUM	LAT	LONG	QUADNUM	ROCKTYPE	GX GROUP
601	85SK168A	674525	1593843	D-2	E	B	651	85SK327A	674508	1590007	D-1	M	B
602	85SK169A	674526	1593908	D-2	E	B	652	85SK328A	674522	1590030	D-1	M	B
603	85SK170A	674527	1593931	D-2	E	B	653	85SK329A	675120	1590418	D-1	M	B
604	85SK171A	674514	1593945	D-2	M	B	654	85SK330A	675110	1590258	D-1	M	B
605	85SK356A	675107	1595114	D-2	M	B	655	85SK331A	675130	1590141	D-1	M	B
606	85SK357A	675042	1595130	D-2	M	B	656	858T013A	674830	1591025	D-1	E	B
607	85SK358A	675006	1595100	D-2	M	B	657	85PF183	674706	1590530	D-1	M	B
608	85SK359A	674858	1595048	D-2	M	B	658	85PF185A	674734	1590530	D-1	M	B
609	85T1249A	674731	1595225	D-2	J	E	659	85PF185B	674743	1590530	D-1	M	B
610	858T039A	674910	1595310	D-2	M	B	660	85PF186A	675032	1590552	D-1	M	B
611	85PFO45R	674752	1595323	D-2	J	B	661	85PF187E	674931	1590445	D-1	M	B
612	83EK011A	674832	1593305	D-2	D	B	662	85PF189A	674537	1591120	D-1	M	B
613	83EK020D	675500	1593600	D-2	A	B	663	85PF189B	674558	1591002	D-1	E	B
614	83EK020B	675515	1593410	D-2	P	I	664	85PF190A	674625	1591155	D-1	M	B
615	83EK004B	675035	1595645	D-2	K	E	665	85PF191A	674836	1591104	D-1	E	B
616	83PFO16A	675535	1595840	D-2	E	B	666	85PF192A	675245	1590645	D-1	N	B
617	83EK004D	675035	1595640	D-2	K	E	667	85PF193A	675237	1590629	D-1	D	B
618	84RB210R	674958	1592005	D-1	Q	B	668	85PF182D	674703	1590522	D-1	F	B
619	83SK158A	675125	1590758	D-1	K	B	669	85PF182A	674532	1590540	D-1	F	B
620	83SK160A	675110	1590830	D-1	N	D	670	85JS070A	674655	1590818	D-1	F	B
621	83SK161A	675105	1590758	D-1	M	B	671	85JS071B	674651	1590748	D-1	M	B
622	83SK161B	675105	1590758	D-1	M	B	672	85JS071E	674654	1590730	D-1	E	B
623	83SK163A	675055	1590810	D-1	K	B	673	85JS072A	674702	1590651	D-1	F	B
624	83SK164A	675055	1590930	D-1	N	D	674	85JS073A	674659	1590621	D-1	E	B
625	83SK164B	675055	1590930	D-1	M	B	675	85MF032A	674820	1590710	D-1	E	B
626	83SK164C	675055	1590930	D-1	D	B	676	85MF033A	674859	1590600	D-1	O	B
627	83SK165B	675335	1590555	D-1	N	D	677	83EK010D	674920	1592810	D-1	K	B
628	83SK165R	675335	1590555	D-1	I	A	678	83EK0191	675050	1592420	D-1	M	B
629	83SK166A	675330	1590630	D-1	J	E	679	83EK019E	675015	1592559	D-1	P	C
630	83SK167R	675340	1590950	D-1	I	A	680	83EK019A	674955	1592620	D-1	N	D
631	83SK168A	675330	1590450	D-1	J	E	681	83EK018Q	675200	1592100	D-1	Q	B
632	83SK169A	675320	1590330	D-1	M	E	682	83PF004A	675315	1590830	D-1	J	B
633	83SK121B	674558	1591230	D-1	F	B	683	83PF002A	675340	1590850	D-1	I	A
634	83SK121C	674558	1591230	D-1	M	B	684	83PF004B	675258	1590820	D-1	J	E
635	83SK121E	674558	1591230	D-1	M	D	685	83PF003A	675245	1590758	D-1	E	B
636	83SK122A	674625	1591250	D-1	M	B	686	83EK007A	674710	1591345	D-1	I	A
637	83SK125A	675232	1590825	D-1	F	D	687	85PF082B	673452	1614230	C-6	E	B
638	83SK126A	675226	1590759	D-1	N	D	688	85PF082A	673408	1614210	C-6	E	B
639	83SK128A	675210	1590830	D-1	F	D	689	84SK089B	674140	1614300	C-6	E	B
640	83SK128B	675210	1590830	D-1	G	B	690	85PF081A	673444	1614125	C-6	E	B
641	83SK130R	675140	1590900	D-1	I	A	691	85PF079A	673452	1614230	C-6	E	B
642	83SK131A	675125	1590840	D-1	N	D	692	85PF078A	673455	1614200	C-6	E	B
643	83SK131A	674544	1590740	D-1	D	B	693	85PF077A	673458	1614203	C-6	K	B
644	83SK131A	674540	1592000	D-1	J	C	694	85PF082D	673417	1614410	C-6	E	B
645	85SK314A	675103	1590430	D-1	D	B	695	85PF083A	673442	1614525	C-6	E	B
646	85SK316A	675200	1590250	D-1	D	B	696	84PF101R	674042	1614344	C-6	M	B
647	85SK317A	675620	1590654	D-1	E	B	697	84JS30A	674350	1614400	C-6	G	B
648	85SK318A	675615	1591003	D-1	E	D	698	84JS30E	674350	1614400	C-6	G	B
649	85SK319A	675705	1590919	D-1	E	B	699	84PF016R	673721	1613852	C-6	M	B
650	85SK326A	674500	1590000	D-1	M	B	700	84PF087R	674024	1613354	C-6	M	B

ID	FIELD NUM	LAT	LONG	QUADNUM	ROCKTYPE	GX GROUP	ID	FIELD NUM	LAT	LONG	QUADNUM	ROCKTYPE	GX GROUP
701	84PF092R	674110	1613712	C-6	E	B	751	84SK092A	673558	1614300	C-6	M	D
702	85PF076A	673510	1614300	C-6	E	B	752	84SK084A	673252	1615050	C-6	M	D
703	85MF107	674100	1612130	C-6	P	C	753	84SK083A	673230	1615140	C-6	E	D
704	85MF102C	674445	1614810	C-6	E	B	754	84SK076A	673930	1613515	C-6	M	D
705	85MF101	674350	1614537	C-6	P	C	755	84SK077A	673940	1613502	C-6	E	D
706	85MF100D	674328	1614610	C-6	M	B	756	84SK077B	673940	1613502	C-6	E	D
707	85MF100A	674320	1614505	C-6	K	B	757	84SK078A	673923	1613410	C-6	E	B
708	84SK046C	674018	1613015	C-6	G	B	758	84SK079A	673920	1613320	C-6	M	B
709	84SK045B	674120	1613010	C-6	F	B	759	84SK079B	673920	1613320	C-6	M	D
710	84SK045A	674131	1613102	C-6	E	B	760	84SK080A	673828	1613348	C-6	E	D
711	85SK107A	674354	1613943	C-6	D	B	761	84SK081A	673815	1613400	C-6	E	B
712	85SK106C	674404	1613628	C-6	E	B	762	84SK082A	673758	1613450	C-6	P	C
713	85SK106B	674404	1613628	C-6	D	C	763	85JS083C	673530	1613050	C-6	M	D
714	85SK106A	674404	1613628	C-6	M	B	764	85JS082A	673030	1614500	C-6	M	D
715	85SK094A	673948	1613423	C-6	F	B	765	85JS081A	673058	1613015	C-6	E	D
716	85SK093A	673936	1613430	C-6	E	B	766	85JS086	673621	1614058	C-6	M	D
717	84EK060	674158	1613840	C-6	M	B	767	85JS063A	673630	1613920	C-6	E	D
718	84EK062A	674236	1614048	C-6	M	E	768	85JS064A	673525	1613828	C-6	E	D
719	84EK066	674114	1614612	C-6	D	D	769	85JS063C	673605	1613950	C-6	M	D
720	85SK073B	674000	1613920	C-6	D	B	770	85JS112B	674023	1613340	C-6	M	D
721	85SK073A	674000	1613920	C-6	P	C	771	85JS112C	674008	1613240	C-6	M	D
722	85SK107A	674137	1613850	C-6	M	B	772	85JS112B	674008	1613240	C-6	M	D
723	85SK108A	674105	1613651	C-6	J	B	773	85JS112A	674008	1613240	C-6	F	D
724	85SK072A	673005	1614350	C-6	O	B	774	85SK247A	674132	1615630	C-6	R	D
725	85SK068A	674436	1613750	C-6	M	B	775	85SK243A	673305	1613955	C-6	M	D
726	85PF163B	674038	1613454	C-6	Z	J	776	85SK242B	673310	1613738	C-6	M	D
727	85PF163A	674040	1613500	C-6	M	B	777	85SK241A	673310	1613655	C-6	M	D
728	84JS029A	674245	1613858	C-6	O	B	778	85SK220A	674252	1614502	C-6	E	C
729	84JS029C	674250	1613958	C-6	D	C	779	83SK098C	674045	1614322	C-6	E	B
730	84JS029E	674240	1613925	C-6	E	B	780	83SK098D	674045	1614322	C-6	O	B
731	85SK066A	674208	1613655	C-6	M	B	781	83SK100A	674051	1614455	C-6	E	D
732	85SK065A	674301	1613559	C-6	E	B	782	83SK101A	674045	1614530	C-6	J	E
733	85SK064A	674155	1613158	C-6	E	B	783	83SK102A	674026	1614242	C-6	M	D
734	85SK063C	674021	1613108	C-6	I	A	784	83SK098A	674045	1614322	C-6	E	B
735	85SK063A	674021	1613108	C-6	M	E	785	85SK217A	674433	1614419	C-6	K	D
736	84JS013	674235	1613520	C-6	K	B	786	85SK216A	674219	1614147	C-6	O	D
737	84JS013A	674235	1613520	C-6	E	B	787	85SK215A	674213	1614208	C-6	E	D
738	84SK252B	673332	1613455	C-6	M	B	788	85SK210A	674054	1615237	C-6	O	D
739	84SK252D	673332	1613455	C-6	M	B	789	85SK214A	674152	1614226	C-6	K	D
740	84SK252A	673328	1613502	C-6	M	B	790	85SK209B	674105	1615240	C-6	F	A
741	85BT096A	674134	1614350	C-6	E	B	791	85SK208E	674120	1615815	C-6	F	B
742	85BT097A	674143	1614435	C-6	P	C	792	85SK205A	673220	1613958	C-6	M	B
743	84SK084B	673252	1615050	C-6	Z	I	793	85SK206A	674100	1615414	C-6	E	B
744	84SK085A	673718	1614930	C-6	E	B	794	84PF024R	674044	1612248	C-5	M	B
745	84SK086A	673700	1614925	C-6	E	B	795	85PF059A	674008	1612538	C-5	M	D
746	84SK087A	673732	1614705	C-6	E	B	796	85PF058A	674026	1612520	C-5	M	B
747	84SK088A	673650	1614652	C-6	E	B	797	85MF114A	673458	1612005	C-5	H	A
748	84SK089A	674140	1614500	C-6	M	D	798	85MF104A	674035	1612955	C-5	Z	B
749	84SK090A	673658	1613630	C-6	E	B	799	85SK089A	674034	1612854	C-5	F	B
750	84SK091A	673518	1613805	C-6	E	D	800	85SK110A	673820	1612510	C-5	M	B



ID	FIELD NUM	LAT	LONG	QUADNUM	ROCKTYPE	GX GROUP	ID	FIELD NUM	LAT	LONG	QUADNUM	ROCKTYPE	GX GROUP
801	85PF177A	673535	1611845	C-5	E	A	831	83SK149A	674225	1610000	C-5	A	D
802	85PF178B	673520	1612000	C-5	H	A	832	83SK142A	673933	1610058	C-5	M	D
803	85PF179A	673513	1612000	C-5	H	A	833	83SK143A	673940	1610120	C-5	G	D
804	84JS028F	673805	1612455	C-5	M	B	834	83PF012A	674225	1605804	C-4	I	A
805	85SK067A	674124	1612239	C-5	E	B	835	83PF008A	674100	1604536	C-4	A	D
806	84EK131	673748	1610330	C-5	P	C	836	83PF007A	674035	1604308	C-4	L	A
807	84EK134	673801	1610430	C-5	E	B	837	83PF006A	674036	1604236	C-4	A	D
808	85SK062A	673912	1612708	C-5	M	E	838	83PF013A	674218	1605824	C-4	I	A
809	85SK061B	673751	1612334	C-5	I	A	839	83SK118A	673510	1603208	C-4	J	E
810	85SK060B	673720	1611640	C-5	M	E	840	85SK117B	673709	1603916	C-4	J	E
811	84EK183	673915	1611812	C-5	A	B	861	85SK116A	673742	1604244	C-4	M	D
812	85SK056A	674042	1610745	C-5	M	E	862	85PF149A	673540	1604450	C-4	M	D
813	85SK055A	674022	1610730	C-5	M	E	863	84JS052A	673512	1605912	C-4	P	C
814	85SK054B	674002	1611740	C-5	M	E	864	85PF136B	673416	1605150	C-4	P	C
815	85SK054A	674002	1611740	C-5	J	E	865	85PF136A	673425	1605240	C-4	P	C
816	85JS050A	674108	1610105	C-5	I	A	866	84EK172A	673732	1605205	C-4	P	C
817	85JS049C	673905	1612430	C-5	M	B	867	84EK175	673809	1605000	C-4	P	C
818	85JS044D	673603	1612403	C-5	G	C	868	84SK234A	673639	1604338	C-4	P	C
819	85JS042A	673751	1611648	C-5	I	B	869	84SK233A	673600	1604342	C-4	M	D
820	85JS041C	673749	1611621	C-5	I	A	870	84SK170A	673430	1604250	C-4	P	C
821	84SK248A	673700	1612802	C-5	M	B	871	84SK172B	673430	1604502	C-4	P	C
822	84SK249B	673458	1612800	C-5	P	C	872	84SK195A	673705	1605940	C-4	D	D
823	84SK249D	673458	1612800	C-5	M	B	873	84SK228B	673512	1604048	C-4	M	E
824	85JS040B	673850	1611920	C-5	E	B	874	84SK232A	673548	1604402	C-4	P	C
825	85JS040A	673850	1611920	C-5	M	B	875	85DN051B	673905	1605430	C-4	E	B
826	85JS050C	674112	1612155	C-5	M	B	876	83JS074B	673050	1603030	C-4	I	A
827	84SK192A	673745	1610110	C-5	E	B	877	83JS074A	673057	1603000	C-4	I	A
828	84SK222A	673220	1612458	C-5	P	C	878	85BT108A	674249	1605942	C-4	M	B
829	85BT100A	674026	1610938	C-5	E	B	879	83JS075B	673027	1603144	C-4	I	A
830	85BT101A	674204	1611628	C-5	M	B	880	83JS075A	673027	1603144	C-4	J	E
831	85BT102A	674130	1611510	C-5	E	B	881	85BT121A	674259	1603405	C-4	M	B
832	85BT114A	674256	1611648	C-5	M	B	882	85BT122A	674236	1603916	C-4	M	B
833	84SK072A	673549	1612558	C-5	M	B	883	83JS098A	673235	1603530	C-4	M	E
834	84SK073A	673547	1612645	C-5	M	B	884	83JS097A	673200	1603507	C-4	I	A
835	84SK074A	673550	1612735	C-5	M	B	885	83JS096B	673052	1603602	C-4	I	A
836	84SK075B	673550	1612730	C-5	M	B	886	83JS090A	673730	1605205	C-4	P	C
837	85JS086E	673755	1610630	C-5	P	C	887	83JS089B	673737	1605335	C-4	P	C
838	85JS110A	674024	1612733	C-5	M	B	888	85SK347A	673613	1603450	C-4	J	E
839	85JS87A	673447	1610618	C-5	M	B	889	85SK360B	674122	1604058	C-4	E	D
840	85JS121H	673358	1611831	C-5	H	A	890	85SK361A	674110	1604055	C-4	M	D
841	85JS121B	673511	1611728	C-5	E	A	891	85SK015A	674430	1603210	C-4	E	B
842	85JS121A	673513	1611722	C-5	M	A	892	85SK015B	674425	1603455	C-4	M	B
843	85JS111A	673945	1612945	C-5	M	B	893	85SK280A	674414	1603512	C-4	M	D
844	85DN103A	673233	1612545	C-5	P	C	894	85SK279A	674403	1603644	C-4	M	D
845	85SK260A	674022	1610400	C-5	F	B	895	85SK261A	674235	1605940	C-4	M	B
846	85SK258A	674040	1610055	C-5	E	B	896	83EK064D	673620	1603758	C-4	K	E
847	85SK257A	674242	1610338	C-5	E	B	897	85SK282A	674144	1603824	C-4	M	D
848	85SK250B	673947	1611009	C-5	M	B	898	85SK015N	674450	1604400	C-4	I	A
849	85SK248D	673927	1611058	C-5	I	A	899	83EK016B	674435	1605240	C-4	E	D
850	85SK248A	673927	1611058	C-5	M	B	900	83EK017B	674045	1604558	C-4	A	E

ID	FIELD NUM	LAT	LONG	QUADNUM	ROCKTYPE	GX GROUP	ID	FIELD NUM	LAT	LONG	QUADNUM	ROCKTYPE	GX GROUP
901	85SK393A	673330	1603255	C-4	J	E	951	83J5072A	673110	1602630	C-3	I	A
902	85SK394A	673358	1603525	C-4	J	E	952	83J5072C	673110	1602630	C-3	J	E
903	83PF111AR	674311	1605438	C-4	I	A	953	83J5072C	673110	1602630	C-3	J	E
904	83SK151A	674225	1603900	C-4	J	E	954	83J5073B	673103	1602830	C-3	I	A
905	83SK152A	674230	1603800	C-4	J	E	955	83J5077A	673058	1600845	C-3	I	A
906	83SK152B	674230	1603800	C-4	J	E	956	83J5076A	673012	1600810	C-3	J	E
907	83SK152R	674230	1603800	C-4	I	A	957	83MF047	674303	1600435	C-3	J	D
908	83SK153A	674240	1603200	C-4	A	B	958	84SK093A	674435	1600830	C-3	J	E
909	83SK154R	674245	1603140	C-4	I	A	959	83J5099A	673832	1600840	C-3	J	E
910	83SK155R	674247	1603150	C-4	I	A	960	83J5094A	673352	1602702	C-3	J	E
911	83SK156A	674245	1603100	C-4	E	B	961	83J5093A	673350	1602525	C-3	J	E
912	83SK157A	674240	1603000	C-4	M	B	962	83J5092A	673420	1602247	C-3	J	E
913	83PF093A	674152	1603136	C-4	J	E	963	84SK101A	673432	1601758	C-3	M	B
914	83PF092D	674156	1603136	C-4	J	E	964	84SK102A	673430	1601725	C-3	E	B
915	83PF092C	674220	1603106	C-4	J	E	965	83J5106A	674210	1600335	C-3	J	E
916	83PF118A	673424	1603940	C-4	J	E	966	83J5104A	674310	1600130	C-3	J	E
917	83SK140A	674236	1604045	C-4	J	E	967	83J5103R	674350	1600132	C-3	I	A
918	83SK141B	674158	1604055	C-4	Q	B	968	83J5102	674027	1600512	C-3	J	E
919	83SK141R	674200	1604055	C-4	I	A	969	83J5101B	673950	1600545	C-3	M	E
920	83SK278A	673150	1603020	C-4	M	E	970	83J5101A	673950	1600545	C-3	J	E
921	85SK120A	673630	1603637	C-4	M	B	971	83J5100B	673855	1600740	C-3	J	E
922	85SK119A	673425	1603228	C-4	J	E	972	84SK102B	673430	1601725	C-3	M	B
923	85SK122A	673531	1603505	C-4	J	E	973	84SK103A	673416	1601701	C-3	J	E
924	84RB239R	673603	1600150	C-3	Z	A	974	85J5106A	673031	1602311	C-3	J	E
925	83J5151A	673040	1600058	C-3	K	E	975	84SK126C	673345	1602230	C-3	M	D
926	83J5150A	673018	1600325	C-3	K	E	976	84SK104A	673405	1601620	C-3	J	E
927	83J5149A	673012	1600430	C-3	P	C	977	84SK117A	673032	1602355	C-3	J	E
928	84EK071B	674004	1602330	C-3	M	B	978	84SK117B	673032	1602355	C-3	J	E
929	84EK072A	674029	1602610	C-3	M	B	979	84SK118A	673030	1602320	C-3	M	D
930	84EK072C	674025	1602613	C-3	M	B	980	84SK119A	673035	1602225	C-3	J	E
931	84EK074	674245	1602222	C-3	M	B	981	84SK120A	673052	1602155	C-3	M	B
932	84EK079	674232	1602800	C-3	M	B	982	84SK121A	673130	1602125	C-3	M	B
933	84EK099	673227	1601850	C-3	M	B	983	84SK122A	673205	1602050	C-3	J	E
934	83SK397B	673000	1601300	C-3	S	C	984	84SK123A	673230	1602100	C-3	J	E
935	83SK397A	673000	1601300	C-3	S	B	985	84SK124A	673250	1602110	C-3	K	B
936	84EK104	673232	1602542	C-3	M	B	986	84SK126A	673345	1602330	C-3	F	D
937	85PF161A	673000	1602435	C-3	J	E	987	83PF089A	674240	1602806	C-3	J	E
938	84J5031A	673742	1601805	C-3	J	E	988	83PF088A	674231	1602740	C-3	J	E
939	84J5031F	673744	1601920	C-3	M	B	989	83PF087A	674233	1602740	C-3	J	E
940	84J5032A	673746	1602028	C-3	M	B	990	83PF086A	674242	1602730	C-3	J	E
941	84J5032C	673758	1602205	C-3	D	C	991	83PF084A	674248	1602712	C-3	J	E
942	84J5032E	673805	1602315	C-3	J	E	992	83PF083A	674248	1602650	C-3	J	E
943	84J5034	673055	1601650	C-3	J	E	993	83PF082A	674248	1602632	C-3	J	E
944	85MF097B	673300	1602310	C-3	G	B	994	83PF081A	674245	1602348	C-3	J	E
945	85MF051	673322	1601015	C-3	J	B	995	83PF081A	674245	1602348	C-3	J	E
946	83J5079A	673225	1600935	C-3	J	E	996	85SK363A	673415	1601400	C-3	J	E
947	83J5078A	673200	1600838	C-3	J	E	997	83EK096B	674400	1601058	C-3	K	E
948	83J5077D	673058	1600845	C-3	J	E	998	83PF090A	674236	1602848	C-3	J	E
949	85B1192A	673611	1600058	C-3	M	B	999	83PF091A	674242	1602900	C-3	J	E
950	85B1194A	673942	1600150	C-3	M	B	1000	83PF123A	673242	1602812	C-3	K	E

ID	FIELD NUM	LAT	LONG	QUADNUM	ROCKTYPE	GX GROUP	ID	FIELD NUM	LAT	LONG	QUADNUM	ROCKTYPE	GX GROUP
1001	83PF122A	673231	1602548	C-3	J	E	1031	83SK319A	674219	1601749	C-3	M	B
1002	83PF121R	673148	1602333	C-3	I	A	1032	83SK141B	673314	1600210	C-3	J	E
1003	83PF120A	673136	1602258	C-3	J	E	1033	83SK142B	673512	1601348	C-3	M	B
1004	83F1207C	674222	1602248	C-3	J	E	1034	83SK320A	674240	1601730	C-3	M	B
1005	83PF119A	673122	1602218	C-3	J	E	1035	83SK321A	674333	1601905	C-3	M	B
1006	83PF098A	673322	1601236	C-3	I	A	1036	83SK299A	673458	1602150	C-3	J	E
1007	83PF097A	673321	1601254	C-3	I	A	1037	83SK276A	673150	1602905	C-3	M	E
1008	83SK150R	673730	1601430	C-3	I	A	1038	83SK277A	673150	1602950	C-3	M	E
1009	83PF096A	673321	1601308	C-3	J	E	1039	83SK096C	674335	1601130	C-3	M	B
1010	83PF094A	673320	1601320	C-3	J	E	1060	83SK096D	674310	1601215	C-3	P	C
1011	83PF092A	674233	1602936	C-3	J	E	1061	83SK096F	674359	1601330	C-3	K	E
1012	83PF099A	673324	1601230	C-3	I	A	1062	83SK272R	673205	1602500	C-3	I	A
1013	83PF102A	673326	1601126	C-3	J	E	1063	83SK273A	673150	1602530	C-3	M	B
1014	83PF103A	673326	1601124	C-3	J	E	1064	83SK273B	673150	1602530	C-3	K	B
1015	83SK138R	674055	1602412	C-3	I	A	1065	83SK273C	673150	1602530	C-3	P	C
1016	83SK305B	673700	1602508	C-3	M	B	1066	83SK274A	673150	1602635	C-3	M	B
1017	83SK306A	673719	1602358	C-3	M	B	1067	83SK274C	673150	1602635	C-3	M	C
1018	83SK307A	673755	1602520	C-3	M	B	1068	83SK288A	673245	1600002	C-3	J	E
1019	83SK308A	673830	1602655	C-3	M	B	1069	83SK283A	673315	1600215	C-3	J	E
1020	83SK309R	673730	1601430	C-3	I	A	1070	83SK284A	673355	1600105	C-3	J	E
1021	83SK310A	673735	1601330	C-3	M	B	1071	83SK287A	673305	1600050	C-3	J	E
1022	83SK311R	673803	1601410	C-3	I	A	1072	83SK285A	673422	1600010	C-3	J	E
1023	83SK312A	673830	1601430	C-3	M	B	1073	83SK281R	673015	1601740	C-3	I	A
1024	83SK313B	673848	1601525	C-3	M	B	1074	83SK125A	673505	1602808	C-3	M	E
1025	83SK314A	673858	1601650	C-3	M	B	1075	83SK280A	673000	1601630	C-3	K	B
1026	83SK315A	673935	1601630	C-3	M	B	1076	83SK280B	673000	1601630	C-3	J	E
1027	83SK315R	673935	1601630	C-3	I	A	1077	83SK281B	673015	1601740	C-3	J	E
1028	83SK137E	673147	1601139	C-3	M	B	1078	84J5062A	674125	1593030	C-2	J	E
1029	83SK138A	673136	1600752	C-3	J	E	1079	84J5063B	674140	1593110	C-2	J	E
1030	83SK305A	673700	1602458	C-3	E	B	1080	83J5152	673118	1595910	C-2	K	E
1031	83SK304A	673630	1602458	C-3	M	B	1081	83J5148R	674110	1593800	C-2	I	A
1032	83SK300A	673520	1602250	C-3	J	E	1082	83J5147A	673920	1594710	C-2	K	E
1033	83SK126A	673415	1602305	C-3	M	E	1083	83J5146A	674005	1594625	C-2	K	E
1034	83SK301A	673520	1602330	C-3	P	C	1084	83J5144A	674100	1594402	C-2	K	E
1035	83SK127B	673452	1602225	C-3	M	B	1085	83J5143A	674125	1594305	C-2	K	E
1036	83SK128A	673349	1602257	C-3	M	B	1086	83J5142B	674208	1594252	C-2	N	D
1037	83SK130A	673350	1601950	C-3	J	E	1087	83J5141A	674250	1594152	C-2	N	D
1038	83SK131A	673335	1601829	C-3	M	B	1088	83SK098A	673306	1594412	C-2	J	E
1039	83SK132B	673355	1601745	C-3	M	B	1089	84B1163A	674233	1593136	C-2	Q	C
1040	83SK133A	673308	1601515	C-3	M	B	1090	83SK378A	673710	1593758	C-2	P	C
1041	83SK134A	673257	1601440	C-3	M	B	1091	83SK379A	673628	1593640	C-2	S	B
1042	83SK137A	673147	1601139	C-3	M	B	1092	83SK380A	673605	1593500	C-2	S	B
1043	83SK302A	673530	1602320	C-3	K	B	1093	83SK381A	673605	1593400	C-2	S	B
1044	83SK302B	673530	1602320	C-3	P	C	1094	83SK381R	673605	1593400	C-2	I	A
1045	83SK303A	673609	1602458	C-3	P	C	1095	83SK383A	673918	1593925	C-2	S	E
1046	83SK139A	673120	1600450	C-3	J	E	1096	83SK384A	673927	1594058	C-2	N	D
1047	83SK140A	673053	1600356	C-3	J	E	1097	83SK384B	673927	1594058	C-2	N	D
1048	83SK316A	674020	1601620	C-3	M	B	1098	83SK385A	673858	1594158	C-2	N	D
1049	83SK317A	674035	1601630	C-3	M	B	1099	83SK386A	673758	1594350	C-2	N	D
1050	83SK318A	674130	1601720	C-3	M	B	1100	83SK387A	673805	1594500	C-2	S	E

ID	FIELD NUM	LAT	LONG	QUADNUM	ROCKTYPE	GX GROUP	ID	FIELD NUM	LAT	LONG	QUADNUM	ROCKTYPE	GX GROUP
1101	83SK388A	673730	1594610	C-2	S	E	1151	85SK147A	674458	1594945	C-2	M	U
1102	83SK389A	673615	1594400	C-2	S	E	1152	85SK148A	674408	1594427	C-2	D	C
1103	83SK390A	673640	1594210	C-2	S	E	1153	85SK149A	674315	1594520	C-2	E	B
1104	83JS084	673745	1595050	C-2	J	E	1154	85SK150A	674329	1594552	C-2	E	B
1105	83JS083A	673715	1595130	C-2	J	E	1155	83EK1350	674050	1594625	C-2	P	C
1106	83JS081	673633	1595345	C-2	J	E	1156	85SK154A	674227	1594156	C-2	O	C
1107	83JS080B	673612	1595355	C-2	J	E	1157	83EK135A	674033	1594435	C-2	K	E
1108	84SK218A	674228	1593010	C-2	P	C	1158	83EK134D	673458	1593158	C-2	K	E
1109	85DN062C	673925	1593425	C-2	I	A	1159	83EK134C	673415	1593340	C-2	K	E
1110	85BT140B	673807	1593317	C-2	J	E	1160	83EK134A	673350	1593545	C-2	E	B
1111	85BT141A	673813	1593258	C-2	P	F	1161	83SK286A	673405	1595805	C-2	J	E
1112	83SK377A	673700	1593904	C-2	S	B	1162	83EK135D	674036	1594455	C-2	N	D
1113	83SK376A	673725	1594058	C-2	S	B	1163	83EK135C	674042	1594506	C-2	K	E
1114	83SK375A	673135	1593835	C-2	J	E	1164	84PF193A	673812	1590540	C-1	P	C
1115	83SK375A	673202	1593805	C-2	J	E	1165	84PF192B	673812	1590540	C-1	P	C
1116	83SK367A	674127	1595235	C-2	M	B	1166	84PF196D	674236	1590806	C-1	I	A
1117	83SK366A	673832	1595052	C-2	M	B	1167	84PF196R	674236	1590806	C-1	I	A
1118	83SK365A	673837	1595109	C-2	M	B	1168	83PF001E	673625	1591115	C-1	I	A
1119	83SK364A	673905	1595245	C-2	M	B	1169	84JS064A	674302	1592650	C-1	P	A
1120	83SK321A	674158	1593003	C-2	J	E	1170	84JS065C	674330	1592750	C-1	P	C
1121	83SK239A	673015	1593902	C-2	M	E	1171	83PF001D	673615	1591058	C-1	J	E
1122	83EK033C	673315	1595250	C-2	K	E	1172	83PF001C	673615	1591058	C-1	J	E
1123	83SK304A	674158	1595335	C-2	P	F	1173	83PF001B	673615	1591058	C-1	J	E
1124	83SK303B	674435	1595205	C-2	M	B	1174	83JS135B	673355	1591140	C-1	J	E
1125	83SK303A	674435	1595205	C-2	P	C	1175	83JS135A	673335	1591125	C-1	J	E
1126	85T1257A	673708	1595140	C-2	J	E	1176	83JS134A	673305	1591055	C-1	J	E
1127	85T1256A	674025	1595430	C-2	J	E	1177	83JS133A	673300	1590935	C-1	J	E
1128	85T1255A	673829	1595740	C-2	J	E	1178	83JS132R	673018	1590340	C-1	I	A
1129	85T1254	673818	1595535	C-2	J	E	1179	83JS131A	673037	1590430	C-1	J	E
1130	85T1252A	673758	1593700	C-2	I	A	1180	83JS129C	673021	1590625	C-1	J	E
1131	83PF107A	673745	1595550	C-2	J	E	1181	83JS128A	673008	1590725	C-1	J	E
1132	83PF104F	673715	1595630	C-2	J	E	1182	83PF001A	673610	1591100	C-1	I	A
1133	83PF104E	673700	1595630	C-2	M	E	1183	83JS140A	673350	1592752	C-1	K	E
1134	83PF104D	673635	1595615	C-2	J	E	1184	83JS139A	673308	1592750	C-1	K	E
1135	83PF104B	673615	1595602	C-2	J	E	1185	83JS138B	673237	1592605	C-1	K	E
1136	83PF104A	673550	1595545	C-2	J	E	1186	83JS137B	673210	1592605	C-1	K	E
1137	85SK152B	674150	1594917	C-2	M	B	1187	83JS136A	673140	1592705	C-1	K	E
1138	85SK153A	674217	1594709	C-2	M	C	1188	84JS061C	674100	1592955	C-1	J	E
1139	85SK165B	674442	1593032	C-2	J	E	1189	84JS061A	674100	1592955	C-1	J	E
1140	85SK166A	674442	1593032	C-2	D	F	1190	85PF180A	673951	1592730	C-1	J	B
1141	85SK165C	674428	1593049	C-2	O	F	1191	85PF181A	673930	1592828	C-1	J	B
1142	85SK164A	674410	1593057	C-2	P	C	1192	85MF059	673150	1590320	C-1	J	E
1143	85SK157A	674223	1593143	C-2	P	C	1193	84SK211A	674225	1592358	C-1	O	F
1144	85SK156B	674256	1593400	C-2	M	B	1194	84SK211B	674225	1592358	C-1	O	F
1145	85SK155A	674256	1593803	C-2	M	B	1195	84SK212D	674220	1592430	C-1	P	C
1146	85SK152A	674130	1594917	C-2	K	B	1196	84SK214A	674215	1592630	C-1	O	F
1147	85SK151A	674320	1594750	C-2	M	B	1197	84SK214B	674215	1592630	C-1	O	F
1148	85SK144A	674218	1595740	C-2	J	E	1198	84SK215A	674215	1592700	C-1	O	F
1149	85SK145A	674217	1595447	C-2	M	B	1199	84SK215C	674215	1592700	C-1	O	F
1150	85SK146A	674228	1595031	C-2	M	B	1200	84SK216A	674225	1592742	C-1	O	F

ID	FIELD NUM	LAT	LONG	QUADNUM	ROCKTYPE	GX GROUP	ID	FIELD NUM	LAT	LONG	QUADNUM	ROCKTYPE	GX GROUP
1201	84SK2168	674229	1592742	C-1	B	G	1251	85SK324A	674008	1591130	C-1	P	C
1202	84SK2178	674230	1592920	C-1	J	E	1252	85SK322A	673830	1591934	C-1	J	E
1203	84SK217D	674230	1592920	C-1	P	C	1253	83SK005B	673725	1591730	C-1	K	E
1204	85BT180A	673508	1591547	C-1	I	A	1254	83SK005A	673725	1591730	C-1	K	E
1205	85BT182A	673444	1591543	C-1	J	E	1255	85SK379A	673609	1590248	C-1	J	E
1206	85BT184A	673522	1591113	C-1	P	C	1256	85SK378A	673535	1590211	C-1	J	E
1207	85BT184B	673522	1591113	C-1	J	E	1257	85SK296A	674227	1592341	C-1	J	E
1208	85BT187A	674315	1590225	C-1	J	B	1258	85SK296B	674225	1592325	C-1	B	H
1209	85BT193A	673953	1592610	C-1	M	B	1259	85SK311A	674325	1590843	C-1	M	B
1210	85BT198B	673048	1592920	C-1	J	E	1260	85SK310A	674316	1590915	C-1	M	B
1211	85BT199B	673419	1590201	C-1	J	E	1261	85SK309A	674305	1591020	C-1	J	E
1212	85BT199B	673419	1590201	C-1	J	E	1262	85SK308A	674330	1591040	C-1	J	E
1213	85BT199C	673419	1590201	C-1	J	E	1263	85SK307A	674128	1592639	C-1	J	E
1214	85BT149A	674034	1592355	C-1	J	E	1264	85SK306A	674136	1592610	C-1	J	E
1215	85BT148B	674030	1592455	C-1	P	F	1265	85SK305A	674147	1592352	C-1	J	E
1216	85BT134A	673812	1592350	C-1	P	F	1266	85SK301C	674125	1592315	C-1	P	C
1217	85BT134B	673812	1592350	C-1	P	C	1267	85SK301A	674125	1592315	C-1	P	C
1218	85BT135A	673802	1592420	C-1	P	F	1268	85SK300A	674130	1592225	C-1	P	C
1219	85BT136A	673744	1592350	C-1	J	E	1269	85SK299A	674135	1592242	C-1	J	E
1220	85BT143A	674346	1592312	C-1	P	F	1270	85SK298D	674157	1592245	C-1	J	E
1221	85BT144A	674356	1592352	C-1	J	E	1271	85SK297A	674210	1592220	C-1	J	E
1222	85BT147A	674022	1592805	C-1	P	F	1272	83SK115A	674230	1592535	C-1	O	F
1223	84SK165B	673832	1591905	C-1	P	C	1273	83SK115B	674230	1592535	C-1	N	F
1224	84SK169A	673832	1591905	C-1	J	E	1274	83SK115C	674230	1592535	C-1	P	G
1225	84SK167A	673850	1591625	C-1	J	C	1275	83SK115D	674230	1592535	C-1	S	A
1226	85JS076C	673833	1590232	C-1	Z	C	1276	83SK116A	674012	1591205	C-1	J	E
1227	85JS069A	674216	1590951	C-1	F	B	1277	83SK117A	674025	1591310	C-1	J	E
1228	85JS068	674233	1591020	C-1	M	B	1278	83SK118A	674005	1591350	C-1	J	E
1229	85JS067D	674233	1591133	C-1	O	B	1279	83SK118B	674005	1591350	C-1	J	E
1230	85JS067B	674246	1591135	C-1	M	B	1280	83SK119R	674020	1591430	C-1	I	A
1231	84SK163A	674000	1591320	C-1	N	D	1281	83PF156A	673715	1592030	C-1	J	E
1232	84SK164A	673955	1591540	C-1	P	C	1282	86SK323A	673845	1592041	C-1	J	E
1233	84SK165A	673928	1591640	C-1	P	C	1283	85T1266	673248	1590252	C-1	J	E
1234	84SK166A	673905	1591625	C-1	D	B	1284	85T1243A	673310	1591955	C-1	J	E
1235	83EK005D	673730	1591800	C-1	I	A	1285	85T1242D	673250	1592027	C-1	J	E
1236	85SK355A	674438	1590150	C-1	M	B	1286	85T1213B	674034	1592550	C-1	J	E
1237	85SK354A	674413	1590337	C-1	E	B	1287	85T1212Q	674110	1592600	C-1	J	E
1238	85SK353B	674205	1590030	C-1	J	B	1288	83PF146A	673225	1590420	C-1	J	E
1239	85SK352A	674016	1590935	C-1	M	B	1289	83PF147A	673215	1590430	C-1	J	E
1240	85SK351D	673537	1591005	C-1	J	E	1290	83PF147B	673210	1590430	C-1	J	E
1241	85SK351C	673537	1591005	C-1	J	E	1291	85T1210C	674123	1592504	C-1	J	E
1242	85SK351A	673537	1591005	C-1	J	E	1292	85T1206A	674222	1592248	C-1	J	E
1243	85SK350A	673440	1591200	C-1	M	D	1293	85T1200B	673850	1592225	C-1	J	E
1244	85SK349A	673437	1591822	C-1	J	B	1294	85T1200A	673850	1592225	C-1	J	E
1245	85SK348A	673458	1591720	C-1	M	D	1295	83SK120A	674033	1591410	C-1	J	E
1246	83EK005E	673720	1591745	C-1	K	E	1296	83SK132R	674040	1591800	C-1	I	A
1247	83EK006B	673340	1592230	C-1	M	E	1297	83SK133R	674040	1591700	C-1	I	A
1248	83EK006E	673335	1592210	C-1	P	C	1298	83SK134B	673610	1592750	C-1	J	E
1249	83EK006C	673330	1592200	C-1	P	C	1299	83SK134R	673610	1592750	C-1	I	A
1250	85SK325A	673732	1591435	C-1	P	C	1300	83SK136R	673550	1592830	C-1	I	A

ID	FIELD NUM	LAT	LONG	QUADNUM	ROCKTYPE	OX GROUP	ID	FIELD NUM	LAT	LONG	QUADNUM	ROCKTYPE	OX GROUP
1301	83SK136R	673550	1592830	C-1	I	A	1351	83EK022A	672845	1605100	B-4	I	A
1302	85SK162A	674305	1592348	C-1	P	C	1352	85SK038A	672252	1603425	B-4	J	E
1303	85SK161C	674239	1592357	C-1	Z	E	1353	85J062C	672730	1604758	B-4	I	A
1304	85SK161A	674239	1592357	C-1	Z	H	1354	83EK137B	672830	1603758	B-4	K	E
1305	85SK160A	674306	1592659	C-1	B	H	1355	83EK138R	672845	1603910	B-4	I	A
1306	85SK159A	674253	1592727	C-1	B	H	1356	83EK021	672735	1605055	B-4	K	E
1307	83SK371A	673140	1590550	C-1	J	E	1357	83SK256A	671925	1603102	B-4	J	E
1308	83SK370A	673005	1590050	C-1	P	C	1358	83SK257A	671905	1603240	B-4	J	E
1309	83SK369A	673045	1590350	C-1	J	E	1359	83SK258B	671848	1603255	B-4	J	E
1310	83SK368A	673052	1590230	C-1	I	F	1360	83SK258R	671848	1603255	B-4	I	A
1311	83SK367B	673112	1590205	C-1	J	E	1361	83SK259A	671840	1603310	B-4	J	E
1312	83SK367A	673112	1590205	C-1	J	E	1362	83SK260A	671802	1603350	B-4	J	E
1313	83SK366A	673135	1590130	C-1	J	E	1363	83SK261A	671757	1603158	B-4	M	B
1314	83SK365A	673145	1590058	C-1	J	E	1364	83SK261C	671757	1603500	B-4	K	B
1315	83SK372A	673128	1590750	C-1	J	E	1365	83SK264A	671830	1603701	B-4	M	E
1316	83SK373A	673110	1590950	C-1	J	E	1366	83SK264B	671830	1603701	B-4	M	E
1317	83SK373A	673102	1591357	C-1	J	E	1367	83SK353A	671720	1603055	B-4	J	E
1318	83SK374A	673058	1591145	C-1	K	E	1368	83SK359A	671630	1603803	B-4	J	E
1319	83SK373B	673110	1590950	C-1	P	C	1369	83SK398A	672858	1603760	B-4	S	E
1320	83SK364A	673150	1590020	C-1	J	E	1370	83SK399A	672925	1603855	B-4	S	E
1321	85PF103A	672745	1614312	B-6	M	B	1371	83SK400A	672930	1603940	B-4	S	E
1322	85PF070A	672807	1614812	B-6	M	B	1372	848T060A	672425	1603040	B-4	J	E
1323	85SK236A	672259	1615610	B-6	D	C	1373	848T061	672448	1603122	B-4	J	E
1324	85SK239C	672445	1613625	B-6	M	B	1374	83PF143A	672012	1603057	B-4	J	E
1325	85PF072A	672758	1615155	B-6	M	B	1375	83PF20AR	672942	1603058	B-4	I	A
1326	85J050B	672911	1614625	B-6	M	B	1376	83SK207R	672950	1605150	B-4	I	A
1327	85J0501B	672941	1614205	B-6	E	B	1377	83SK208R	672842	1604222	B-4	I	A
1328	85SK188A	672529	1615810	B-6	P	C	1378	83SK209A	672320	1603110	B-4	J	E
1329	85SK185A	672607	1614413	B-6	P	C	1379	83SK210A	672330	1603158	B-4	J	E
1330	85SK181A	672754	1615457	B-6	G	B	1380	83SK210B	672330	1603158	B-4	J	E
1331	85MF035	671835	1613315	B-6	I	A	1381	83SK211A	672420	1603158	B-4	J	E
1332	84J0506A	672835	1613520	B-6	P	C	1382	83SK212R	672433	1603355	B-4	I	A
1333	84J0507B	672625	1613155	B-6	P	C	1383	83SK213A	672425	1603455	B-4	J	E
1334	84J0507C	672625	1613155	B-6	P	C	1384	83SK214R	672420	1603555	B-4	I	A
1335	84J0508B	672610	1613955	B-6	P	C	1385	83SK215R	672432	1603702	B-4	I	A
1336	858T123A	671621	1614115	B-6	J	E	1386	848T064A	672526	1603327	B-4	J	E
1337	84EK144	672715	1613204	B-6	J	E	1387	83PF022A	672912	1604836	B-4	I	A
1338	848T141C	672315	1613530	B-5	H	E	1388	83PF021A	672918	1604926	B-4	I	A
1339	85SK395B	672920	1603212	B-4	J	E	1389	83PF019B	672940	1605128	B-4	I	A
1340	85SK395A	672920	1603212	B-4	J	E	1390	83PF019A	672940	1605128	B-4	I	A
1341	83J05021B	672655	1603935	B-4	J	A	1391	83PF018A	672954	1605134	B-4	I	A
1342	83J05021A	672655	1603935	B-4	J	A	1392	84J05041A	671900	1603500	B-4	J	E
1343	83J05018B	672640	1603845	B-4	J	A	1393	83PF041A	672328	1603040	B-4	J	E
1344	83J05015B	672650	1603710	B-4	J	A	1394	83PF040A	672320	1603022	B-4	J	E
1345	85J05038B	672730	1604745	B-4	I	A	1395	83PF039A	672315	1603040	B-4	J	E
1346	85SK392A	672715	1603450	B-4	J	E	1396	83PF037A	672242	1603114	B-4	J	E
1347	85T1231B	671707	1603020	B-4	J	E	1397	83PF036A	672234	1603140	B-4	J	E
1348	85SK390A	672630	1603156	B-4	J	E	1398	84PF214R	672638	1604650	B-4	I	A
1349	85SK391A	672608	1603320	B-4	J	E	1399	84SK133A	671930	1603315	B-4	J	E
1350	85EK029M	671558	1603258	B-4	K	E	1400	848K134A	671945	1603432	B-4	J	E

ID	FIELD NUM	LAT	LONG	QUADNUM	ROCKTYPE	GX GROUP	ID	FIELD NUM	LAT	LONG	QUADNUM	ROCKTYPE	GX GROUP
1401	845K1348	671945	1603432	B-4	M	B	1451	855K345A	672814	1602029	B-3	K	B
1402	845K135A	671952	1603525	B-4	J	E	1452	855K346A	672818	1602014	B-3	M	B
1403	845K135B	671952	1603525	B-4	M	B	1453	83JS037A	671652	1601440	U-3	J	E
1404	845K136A	672440	1605100	B-4	H	A	1454	83JS037A	671753	1601535	B-3	J	E
1405	845K188A	671705	1604340	B-4	J	E	1455	83JS033E	671805	1601605	B-3	J	A
1406	845K132A	671920	1603245	B-4	J	E	1456	83JS033C	671805	1601605	B-3	J	A
1407	83JS125A	671735	1603725	B-4	J	E	1457	83JS033A	671805	1601605	B-3	J	A
1408	83JS030A	672310	1602305	B-3	L	A	1458	85PF159A	672944	1602618	B-3	I	A
1409	83JS030B	672310	1602605	B-3	L	A	1459	85PF160A	672945	1602608	B-3	I	A
1410	85JS036B	672010	1602655	B-3	G	B	1460	85PF160B	672948	1602535	B-3	M	B
1411	85JS036A	672010	1602655	B-3	E	B	1461	85PF160C	672949	1602530	B-3	M	B
1412	83JS070A	672350	1602153	B-3	I	A	1462	85DN055C	672659	1602250	B-3	M	B
1413	85T1229	671538	1602855	B-3	J	E	1463	83SK254A	671859	1602815	B-3	J	E
1414	85T1224A	671620	1602640	B-3	J	E	1464	83SK255A	671915	1602945	B-3	J	E
1415	83JS067B	672320	1602040	B-3	J	E	1465	83SK255B	671915	1602945	B-3	J	E
1416	83JS022	672455	1602740	B-3	J	E	1466	83SK267A	672405	1602505	B-3	S	A
1417	858K385A	671353	1600240	B-3	J	E	1467	83SK268R	672415	1602500	B-3	J	E
1418	858K389A	671609	1601609	B-3	J	E	1468	83SK269B	672445	1602430	B-3	I	A
1419	83JS068B	672352	1602100	B-3	I	A	1469	83SK269R	672445	1602430	B-3	G	B
1420	83JS029B	672320	1602620	B-3	J	A	1470	83SK270B	672445	1602358	B-3	I	A
1421	83JS026A	672405	1602640	B-3	L	A	1471	83SK354A	672205	1601430	B-3	M	B
1422	83JS025A	672410	1602640	B-3	J	E	1472	83SK355A	672233	1601440	B-3	J	E
1423	83JS024A	672425	1602710	B-3	J	E	1473	83SK356A	672115	1601300	B-3	J	E
1424	85T1232A	672345	1602040	B-3	J	E	1474	83SK357A	672030	1602720	B-3	J	E
1425	85T1234B	671620	1602640	B-3	J	E	1475	83SK358A	672058	1602810	B-3	J	E
1426	83JS032A	671805	1601700	B-3	J	E	1476	83SK391A	672850	1600755	B-3	J	E
1427	83GK010B	672230	1601420	B-3	O	F	1477	83SK393A	672930	1600905	B-3	S	E
1428	85PF095A	671642	1600258	B-3	J	E	1478	83SK394A	672928	1601125	B-3	S	E
1429	85PF017R	671858	1601658	B-3	J	B	1479	83SK395A	672915	1601230	B-3	S	E
1430	83EK124B	672210	1601936	B-3	K	E	1480	83SK396B	672915	1601300	B-3	S	E
1431	85PF095B	671657	1601010	B-3	J	E	1481	83SK396R	672915	1601300	B-3	I	A
1432	85PF15B	672940	1602632	B-3	J	E	1482	83SK392A	671655	1602810	B-3	J	E
1433	85SK339A	672927	1602133	B-3	J	E	1483	83SK351R	671920	1602045	B-3	I	A
1434	85SK340A	672925	1602110	B-3	M	B	1484	83SK351B	671920	1602045	B-3	J	E
1435	85SK341A	672922	1602037	B-3	M	B	1485	83SK270R	672445	1602400	B-3	J	E
1436	85SK342A	672928	1601926	B-3	I	B	1486	83SK271A	672435	1602305	B-3	I	A
1437	85SK343A	672826	1602109	B-3	M	B	1487	83SK279A	672935	1601935	B-3	J	E
1438	85SK344A	672823	1602053	B-3	M	B	1488	83SK279R	672935	1601935	B-3	M	E
1439	85PF094C	671615	1600958	B-3	J	E	1489	83SK282A	672957	1601758	B-3	I	A
1440	83EK031F	672940	1602503	B-3	K	E	1490	83SK282B	672957	1601758	B-3	M	B
1441	83EK031B	672845	1602230	B-3	P	C	1491	83PF140R	671755	1602324	B-3	I	A
1442	83EK026J	672455	1600610	B-3	P	C	1492	83PF141R	672115	1602351	B-3	I	A
1443	83EK026H	672555	1600930	B-3	K	E	1493	83PF142R	672108	1602353	B-3	I	A
1444	83EK025N	671820	1600840	B-3	P	C	1494	83PF157A	672512	1600412	B-3	K	E
1445	83EK025L	671836	1600845	B-3	O	D	1495	83SK224A	672030	1601430	B-3	S	E
1446	83EK025D	671850	1601200	B-3	O	D	1496	83SK224B	672030	1601430	B-3	J	E
1447	83EK025A	671835	1601200	B-3	K	E	1497	83SK224C	672030	1601430	B-3	J	E
1448	85PF093A	671558	1601540	B-3	J	E	1498	83SK225A	672035	1601350	B-3	O	E
1449	85PF094	671615	1600958	B-3	J	E	1499	83SK225B	672035	1601350	B-3	I	E
1450	85PF094B	671630	1600950	B-3	J	E	1500	83SK226A	672100	1601205	B-3	J	E

ID	FIELD NUM	LAT	LONG	QUADNUM	ROCKTYPE	GX GROUP	ID	FIELD NUM	LAT	LONG	QUADNUM	ROCKTYPE	GX GROUP
1501	83SK227A	672128	1601140	B-3	J	E	1551	84EK081	672645	1601440	U-3	J	E
1502	83SK228A	672136	1601025	B-3	J	E	1552	83PF046A	671824	1600108	U-3	J	E
1503	83SK229A	672130	1600925	B-3	J	E	1553	83SK097A	672956	1595649	B-2	J	E
1504	83SK230A	672120	1600805	B-3	J	E	1554	83SK096B	672927	1595336	B-2	M	E
1505	83SK230B	672120	1600805	B-3	J	E	1555	83SK096A	672927	1595336	B-2	J	E
1506	83SK231A	672102	1600630	B-3	J	E	1556	83EK027A	672415	1595239	B-2	M	E
1507	83SK232A	672020	1600430	B-3	J	E	1557	83J5045	672607	1594200	U-2	P	C
1508	83SK233A	672205	1602100	B-3	J	E	1558	83J5042	672740	1594200	B-2	P	C
1509	83SK232A	672138	1602005	B-3	M	E	1559	83J5040A	672830	1594330	B-2	P	C
1510	83SK231R	672115	1602000	B-3	I	A	1560	83SK374A	672840	1593942	B-2	J	E
1511	83SK216A	672025	1601530	B-3	J	E	1561	83SK384A	671930	1595654	B-2	M	E
1512	83SK217A	672040	1601655	B-3	J	E	1562	83SK240A	672520	1593000	B-2	J	E
1513	83SK218A	672050	1601725	B-3	J	E	1563	83SK241A	672440	1593000	B-2	M	E
1514	83SK218B	672050	1601725	B-3	J	E	1564	83SK242A	672400	1593115	B-2	M	E
1515	83SK218C	672050	1601725	B-3	J	E	1565	83SK243A	672328	1593120	B-2	M	E
1516	83SK218D	672050	1601725	B-3	J	E	1566	83SK244A	672318	1593140	B-2	M	E
1517	83SK218R	672050	1601725	B-3	I	A	1567	83SK244B	672318	1593140	B-2	J	E
1518	83SK219A	672045	1601755	B-3	J	E	1568	83SK244C	672318	1593140	B-2	K	E
1519	83SK220A	672115	1601920	B-3	J	E	1569	83SK245A	672310	1593205	B-2	M	E
1520	83SK221B	672115	1602000	B-3	J	E	1570	83SK245B	672310	1593205	B-2	J	E
1521	84RB174	671518	1601512	B-3	Y	J	1571	83SK245C	672310	1593205	B-2	M	E
1522	83PF023A	671820	1600130	B-3	Z	E	1572	83SK245D	672310	1593205	B-2	E	B
1523	84JS035B	672918	1602022	B-3	J	E	1573	83SK246A	672230	1593220	B-2	M	B
1524	84JS036A	672820	1602010	B-3	M	B	1574	83SK247A	672135	1593315	B-2	M	C
1525	84JS039A	672525	1601730	B-3	J	E	1575	83SK247B	672135	1593315	B-2	M	B
1526	84JS039B	672525	1601730	B-3	J	E	1576	83SK238A	672950	1593902	B-2	K	B
1527	83PF024A	671803	1600024	B-3	J	E	1577	83SK237A	672900	1594030	B-2	J	E
1528	83PF025A	671800	1600018	B-3	J	E	1578	83SK236A	672827	1594030	B-2	J	E
1529	83PF026A	671800	1600000	B-3	J	E	1579	83PF073A	672115	1593845	B-2	J	E
1530	883SK392	672902	1600845	B-3	S	E	1580	83PF072A	672135	1593830	B-2	J	E
1531	85BT061A	671543	1601020	B-3	A	E	1581	83PF071A	672455	1594025	B-2	J	E
1532	85BT062A	671541	1600926	B-3	J	E	1582	83PF070C	672435	1594030	B-2	I	A
1533	85BT062B	671541	1600926	B-3	P	C	1583	83PF070A	672450	1594035	B-2	I	A
1534	85BT178A	672221	1602025	B-3	I	A	1584	83PF069J	672135	1593815	B-2	J	E
1535	84SK111A	672221	1602025	B-3	P	C	1585	83PF069I	672220	1593750	B-2	J	E
1536	84SK110A	672645	1602850	B-3	J	E	1586	83PF069H	672215	1593810	B-2	J	E
1537	84RB176	671507	1601724	B-3	J	E	1587	83PF069G	672500	1594058	B-2	J	E
1538	83JS124A	672055	1602505	B-3	J	E	1588	83PF069A	672500	1594058	B-2	J	E
1539	83JS123A	672124	1601255	B-3	J	E	1589	83PF068A	672715	1594825	B-2	J	E
1540	83JS122A	671732	1602825	B-3	J	E	1590	83PF066A	672732	1595000	B-2	J	E
1541	83JS121A	671923	1602550	B-3	J	E	1591	83PF065A	672735	1595035	B-2	J	E
1542	84SK108A	672650	1602800	B-3	M	B	1592	83PF064A	672740	1595030	B-2	I	A
1543	84SK109A	672642	1602844	B-3	O	C	1593	83PF063A	672750	1595040	B-2	J	E
1544	83PF043A	672303	1602906	B-3	J	E	1594	83PF062B	672810	1595105	B-2	J	E
1545	83PF044A	672224	1602854	B-3	J	E	1595	83PF062A	672815	1595125	B-2	J	E
1546	84EK115	672025	1602340	B-3	M	B	1596	83PF061D	672815	1595320	B-2	J	E
1547	83PF047B	671835	1600048	B-3	J	E	1597	83PF074A	672110	1594005	B-2	J	E
1548	83PF048A	671840	1600038	B-3	J	E	1598	83PF073A	672110	1594025	B-2	I	A
1549	83PF047A	671835	1600048	B-3	J	E	1599	83PF076A	672110	1593945	B-2	J	E
1550	84EK087C	672633	1602142	B-3	M	B	1600	83PF152A	672730	1593258	B-2	J	E



ID	FIELD NUM	LAT	LONG	QUADNUM	ROCKTYPE	GX GROUP	ID	FIELD NUM	LAT	LONG	QUADNUM	ROCKTYPE	GX GROUP
1601	83SK233A	672730	1594340	B-2	J	B	1651	83JS031B	672025	1592720	B-1	J	E
1602	83SK234A	672745	1594155	B-2	K	C	1652	83JS031A	672025	1592720	B-1	J	E
1603	83SK234B	672745	1594155	B-2	J	C	1653	83SK232A	672010	1591930	B-1	M	B
1604	83SK234C	672745	1594155	B-2	M	B	1654	83SK233A	671928	1592005	B-1	K	B
1605	83SK235A	672740	1594105	B-2	J	E	1655	83SK231C	672030	1591810	B-1	M	B
1606	83PF035A	671815	1593558	B-2	J	E	1656	83SK231B	672030	1591810	B-1	M	B
1607	83PF034A	671835	1593640	B-2	J	E	1657	83SK231A	672030	1591810	B-1	M	B
1608	83PF033A	671835	1593715	B-2	J	E	1658	83SK248A	672140	1591750	B-1	K	C
1609	83PF031C	671830	1593715	B-2	J	E	1659	83SK249A	672110	1591750	B-1	M	B
1610	83PF031B	671800	1593710	B-2	J	E	1660	83SK250A	672045	1591758	B-1	P	C
1611	83PF031A	671800	1593745	B-2	J	E	1661	83SK250B	672045	1591758	B-1	J	C
1612	83PF030A	671750	1593825	B-2	J	E	1662	83SK322A	671930	1590058	B-1	K	B
1613	83PF029A	671800	1593900	B-2	J	E	1663	83SK323A	672855	1590225	B-1	J	E
1614	83PF028A	671800	1593925	B-2	J	E	1664	83SK323B	672855	1590225	B-1	J	E
1615	83PF026B	671800	1593955	B-2	J	E	1665	83SK324A	672828	1590230	B-1	J	E
1616	83PF032A	671940	1593800	B-2	J	E	1666	83SK324C	672828	1590230	B-1	J	E
1617	83PF039A	671940	1593820	B-2	J	E	1667	83SK325A	672810	1590258	B-1	J	E
1618	83PF038A	671945	1593630	B-2	M	E	1668	83SK325R	672810	1590300	B-1	J	E
1619	83PF037A	671945	1593645	B-2	O	E	1669	83SK326A	672747	1590405	B-1	J	A
1620	83PF049A	671920	1593940	B-2	O	E	1670	83SK327A	672730	1590500	B-1	J	E
1621	83PF050A	671920	1593925	B-2	J	E	1671	83SK328A	672650	1590320	B-1	J	E
1622	83PF050B	671920	1593910	B-2	J	E	1672	83SK329A	672620	1590300	B-1	J	E
1623	83PF051A	671920	1593920	B-2	J	E	1673	83SK330A	672350	1590300	B-1	J	E
1624	83PF056A	671945	1593650	B-2	J	E	1674	83PF123A	672325	1590420	B-1	J	E
1625	83PF053A	671950	1593635	B-2	J	E	1675	83PF126A	672315	1590500	B-1	J	E
1626	83PF052A	671925	1593845	B-2	J	E	1676	83PF127A	672303	1590515	B-1	J	E
1627	83PF060A	671950	1593958	B-2	J	E	1677	83PF128A	672235	1590535	B-1	J	E
1628	83PF054A	671950	1593730	B-2	J	E	1678	83PF128B	672155	1590620	B-1	J	E
1629	83T1261	672652	1592955	B-1	J	E	1679	83PF129A	672110	1590645	B-1	J	E
1630	83T1262	672808	1592340	B-1	J	E	1680	83PF130A	672032	1590645	B-1	J	E
1631	83T1260A	672333	1592340	B-1	J	E	1681	83PF150A	672910	1590705	B-1	J	E
1632	83JS055A	672022	1591725	B-1	P	C	1682	83PF151A	672020	1592745	B-1	J	E
1633	83JS056A	671950	1591720	B-1	J	E	1683	83PF124C	672405	1590328	B-1	K	E
1634	83MF092	672928	1592420	B-1	J	E	1684	83PF124A	672440	1590358	B-1	J	E
1635	83EK1330	672936	1591340	B-1	J	E	1685	83T195A	672605	1592820	B-1	J	E
1636	83JS054	672030	1591645	B-1	J	E	1686	83T196A	672805	1592615	B-1	J	E
1637	83JS053C	672040	1591325	B-1	P	C	1687	83T197A	672938	1592746	B-1	J	E
1638	83EK097A	672525	1590610	B-1	K	E	1688	83JS112A	671935	1591235	B-1	J	E
1639	83JS047	672220	1592925	B-1	M	E	1689	83JS111A	672029	1591402	B-1	J	E
1640	83JS049	672110	1592650	B-1	M	E	1690	83JS110A	672042	1591505	B-1	P	C
1641	83JS050	672045	1592607	B-1	K	E	1691	83JS109R	671935	1590310	B-1	J	E
1642	85SK368A	671930	1591640	B-1	J	E	1692	83JS108D	672055	1590055	B-1	J	E
1643	85SK369A	671852	1591258	B-1	M	E	1693	83JS108A	672055	1590055	B-1	J	E
1644	85SK370A	671830	1591357	B-1	Q	G	1694	83PF124D	672308	1590348	B-1	J	E
1645	85SK370B	671830	1591357	B-1	J	E	1695	83PF061A	672928	1590700	B-1	J	E
1646	85SK371A	672120	1591345	B-1	J	E	1696	84SK149A	671233	1615737	A-6	J	E
1647	85SK372A	672437	1592530	B-1	J	E	1697	84SK148A	671202	1615358	A-6	J	E
1648	85SK373A	672652	1592558	B-1	J	E	1698	84SK147B	671150	1614500	A-6	J	E
1649	83JS053B	672040	1591525	B-1	K	E	1699	84SK147A	671150	1614500	A-6	J	E
1650	83JS053A	672040	1591525	B-1	J	E	1700	84SK146A	671131	1615430	A-6	J	E

ID	FIELD NUM	LAT	LONG	QUADNUM	ROCKTYPE	GX GROUP	ID	FIELD NUM	LAT	LONG	QUADNUM	ROCKTYPE	GX GROUP
1701	85SK335A	670036	1613350	A-6	E	B	1751	84SK128A	671403	1603110	A-4		
1702	85SK336A	670858	1614820	A-6	J	E	1752	84SK129A	671357	1603150	A-4		E
1703	85SK337A	670835	1614850	A-6	J	E	1753	83PF138R	670230	1604728	A-4		E
1704	84SK150A	671308	1615720	A-6	M	B	1754	83PF131A	670256	1605924	A-4		A
1705	84SK150B	671308	1615720	A-6	M	B	1755	83PF132R	670252	1605924	A-4		E
1706	85DN0135	671248	1614520	A-6	J	E	1756	83PF135B	670219	1604910	A-4		A
1707	85DN131B	671255	1615925	A-6	H	F	1757	83PF137B	670218	1604726	A-4		E
1708	85B1129A	670844	1615110	A-6	P	A	1758	85SK405A	670323	1603920	A-4		E
1709	84SK151A	671332	1615653	A-6	J	E	1759	85SK405A	670120	1605935	A-4		E
1710	84SK150C	671308	1615720	A-6	D	C	1760	85SK404A	670145	1605447	A-4		E
1711	84JS044B	671030	1614450	A-6	J	E	1761	85SK403A	670106	1604845	A-4		E
1712	84JS044A	671030	1614450	A-6	J	E	1762	85SK402A	670220	1604240	A-4		E
1713	84EK120A	671146	1613908	A-6	M	B	1763	85SK401A	670117	1604240	A-4		E
1714	84EK121	671118	1614030	A-6	J	B	1764	83JS091A	670000	1604955	A-4		E
1715	85SK292A	671110	1615906	A-6	D	B	1765	83JS061	671450	1603958	A-4		E
1716	85SK291A	671050	1615658	A-6	M	B	1766	83JS060	671332	1604010	A-4		E
1717	85SK290A	671054	1615602	A-6	J	E	1767	83SK336A	670120	1603950	A-4		E
1718	85SK289A	671107	1615519	A-6	P	C	1768	83EK029A	671450	1603425	A-4		E
1719	85SK288A	671120	1615430	A-6	J	E	1769	83SK335A	670302	1605805	A-4		E
1720	85SK287B	671001	1614031	A-6	P	C	1770	83SK334A	670250	1605720	A-4		E
1721	85SK287A	671001	1615035	A-6	J	E	1771	83SK333A	670240	1605545	A-4		E
1722	85SK285A	671430	1614031	A-6	J	E	1772	83SK332B	670235	1605430	A-4		E
1723	85SK332A	670220	1611023	A-5	K	B	1773	83SK337A	670125	1603758	A-4		E
1724	85SK332B	670220	1611023	A-5	J	E	1774	83SK337B	670125	1603758	A-4		E
1725	85SK333A	670438	1612022	A-5	J	E	1775	83SK338A	670127	1603700	A-4		B
1726	85SK334A	670628	1612610	A-5	J	E	1776	83SK338A	670730	1603535	A-4		E
1727	83JS085A	670430	1610958	A-5	J	E	1777	83SK262A	670833	1603610	A-4		E
1728	83JS086B	670520	1611120	A-5	P	C	1778	83SK290A	670215	1605100	A-4		E
1729	83JS089A	670540	1611350	A-5	J	E	1779	83SK291A	670135	1605100	A-4		E
1730	83PF134B	670202	1610038	A-5	J	E	1780	83SK291B	670135	1605100	A-4		E
1731	83PF108R	670406	1610552	A-5	I	A	1781	83SK291R	670135	1605100	A-4		C
1732	85SK173B	670520	1612212	A-5	J	C	1782	83SK292A	670108	1605030	A-4		A
1733	83PF109A	670406	1610530	A-5	J	E	1783	83SK293A	670040	1605035	A-4		B
1734	83JS090A	670450	1611495	A-5	J	E	1784	83SK294A	670025	1605120	A-4		C
1735	83PF117A	670320	1610018	A-5	J	E	1785	83SK295A	670005	1605150	A-4		C
1736	83PF112A	670350	1610324	A-5	J	E	1786	83SK332A	670235	1605430	A-4		E
1737	83EK034A	670345	1610603	A-5	N	D	1787	83SK331R	670230	1605220	A-4		E
1738	83EK034B	670345	1610603	A-5	D	C	1788	83SK331B	670230	1605220	A-4		E
1739	83EK034C	670345	1610603	A-5	P	C	1789	83JS059	671342	1603840	A-4		E
1740	83EK034E	670215	1610845	A-5	K	E	1790	83JS058A	671318	1603805	A-4		E
1741	83EK034M	670245	1610700	A-5	P	C	1791	83JS057A	671310	1603640	A-4		E
1742	83SK289A	670405	1610740	A-5	J	C	1792	83SK199B	671128	1601430	A-3		A
1743	85SK172A	670535	1612159	A-5	J	E	1793	83SK200A	671115	1601500	A-3		E
1744	83EK098A	670458	1610915	A-5	P	C	1794	83SK199A	671128	1601430	A-3		E
1745	83EK098C	670524	1610825	A-5	N	D	1795	83SK198A	671110	1601320	A-3		E
1746	83JS063	671308	1603255	A-4	J	E	1796	84SK131A	671258	1602258	A-3		E
1747	83JS064C	671245	1603331	A-4	I	A	1797	83SK200B	671115	1601500	A-3		E
1748	83JS064B	671245	1603331	A-4	I	A	1798	83SK201A	671045	1601640	A-3		E
1749	83JS062	671340	1603250	A-4	J	E	1799	83SK202R	671015	1601800	A-3		E
1750	83JS064A	671235	1603425	A-4	J	E	1800	84SK112A	671327	1601140	A-3		E

ID	FIELD NUM	LAT	LONG	QUADNUM	ROCKTYPE	GX GROUP	ID	FIELD NUM	LAT	LONG	QUADNUM	ROCKTYPE	GX GROUP
1801	84SK113A	671330	1601155	A-3	J	E	1851	83JS115A	670220	1600952	A-3	O	C
1802	84SK114A	671335	1601220	A-3	J	E	1852	83JS116A	670155	1601250	A-3	J	E
1803	84SK115A	671400	1601300	A-3	J	E	1853	83JS116B	670155	1601250	A-3	J	E
1804	84SK116A	671410	1601332	A-3	K	B	1854	83JS118A	670235	1600858	A-3	J	E
1805	84SK116B	671410	1601332	A-3	J	E	1855	83JS119A	671410	1601850	A-3	J	E
1806	84SK127A	671425	1602950	A-3	J	E	1856	83JS120R	671231	1602530	A-3	J	E
1807	83SK206R	671058	1602405	A-3	I	A	1857	83SK350R	671445	1602420	A-3	I	A
1808	83SK205A	671005	1602125	A-3	J	E	1858	83JS113	670517	1600240	A-3	J	E
1809	83SK204R	671010	1601940	A-3	I	A	1859	84EK112	670453	1601815	A-3	J	E
1810	83SK203R	671010	1601810	A-3	I	A	1860	84EK108	670547	1601422	A-3	C	D
1811	83SK203A	671010	1601810	A-3	J	E	1861	85KN029	670700	1602202	A-3	J	E
1812	84BT056A	671451	1601524	A-3	J	E	1862	83SK361A	670505	1601245	A-3	L	A
1813	83JS011	670907	1601420	A-3	J	E	1863	83SK360A	671107	1602947	A-3	J	E
1814	83JS010	670915	1601400	A-3	J	E	1864	84EK089	671242	1601112	A-3	J	E
1815	83JS007	670940	1601240	A-3	J	E	1865	84EK090B	671229	1601028	A-3	J	E
1816	83PF144A	670745	1601236	A-3	J	E	1866	84R8278	670000	1600000	A-3	M	B
1817	83PF144B	670736	1601236	A-3	J	E	1867	84R8181	671408	1601836	A-3	M	E
1818	83PF145A	670720	1601230	A-3	J	E	1868	84PF174B	671157	1601412	A-3	J	E
1819	83PF154A	670805	1601155	A-3	J	E	1869	84PF174A	671206	1601330	A-3	J	E
1820	85T1237	671303	1601640	A-3	J	E	1870	84PF173A	671215	1601320	A-3	J	E
1821	84BT059A	671442	1601754	A-3	J	E	1871	84PF172A	671224	1601336	A-3	J	E
1822	84BT057A	671454	1601613	A-3	J	E	1872	84PF150	671224	1600350	A-3	J	E
1823	83PF134B	670758	1601155	A-3	J	E	1873	83EK024A	671206	1600235	A-3	K	E
1824	85SK388A	671158	1600858	A-3	J	E	1874	83SK343A	670048	1600616	A-3	K	E
1825	85SK387A	671100	1601040	A-3	J	E	1875	83PF096A	671112	1600505	A-3	J	E
1826	85SK382A	670930	1600412	A-3	J	E	1876	83PF096D	671047	1600659	A-3	J	E
1827	85SK388B	671158	1600858	A-3	M	B	1877	84PF175A	671203	1601445	A-3	J	E
1828	83PF155A	670730	1601130	A-3	J	E	1878	84PF177B	671105	1601904	A-3	J	E
1829	83JS005B	670910	1601058	A-3	J	E	1879	83SK346A	670004	1600630	A-3	J	E
1830	84BT055A	671432	1601444	A-3	J	E	1880	84R8178	671103	1601948	A-3	M	B
1831	83SK344A	670056	1600641	A-3	J	E	1881	83BK350A	671445	1602420	A-3	J	E
1832	83SK343A	670124	1600631	A-3	J	E	1882	83SK349A	671315	1601755	A-3	J	E
1833	83SK342C	670150	1600549	A-3	K	B	1883	83JS012B	670858	1601900	A-3	J	E
1834	83SK342B	670150	1600549	A-3	D	C	1884	85T1271	671438	1599425	A-3	J	E
1835	83SK342A	670150	1600630	A-3	J	C	1885	83PF078B	671350	1599530	A-2	H	E
1836	83SK341A	670157	1600549	A-3	J	E	1886	85SK383A	670856	1599450	A-2	J	E
1837	83SK340A	670155	1600058	A-3	E	B	1887	85SK380A	671150	1599115	A-2	M	E
1838	83SK339A	670355	1600635	A-3	J	E	1888	83PF078A	671410	1599930	A-2	J	E
1839	83EK109B	670358	1600920	A-3	N	D	1889	85SK381A	670828	1599926	A-2	M	B
1840	83EK109A	670327	1600910	A-3	N	D	1890	85KN042	670602	1594603	A-2	M	B
1841	83EK108A	670306	1600603	A-3	M	B	1891	85KN045	670050	1595016	A-2	E	E
1842	83SK275A	671350	1602750	A-3	J	E	1892	83EK024E	671100	1595440	A-2	K	E
1843	83JS005A	670910	1601058	A-3	J	E							
1844	83JS004	670950	1600958	A-3	J	E							
1845	83JS002	670920	1601010	A-3	J	E							
1846	83EK102A	670230	1602640	A-3	K	E							
1847	83SK344B	670056	1600641	A-3	J	E							
1848	85PF099A	671025	1600807	A-3	J	E							
1849	85PF097A	671045	1600717	A-3	J	E							
1850	83JS114A	670235	1600605	A-3	J	E							